BDNA

DOCUMENTATION

BDNA Data Platform 5.4

Technopedia Content Guide

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Introduction to Technopedia 1

About this Document

Welcome to the *Technopedia Content Guide*. The *Technopedia Content Guide* describes the high-level taxonomy of Technopedia™. The taxonomy is the basis on which products are listed and organized within Technopedia. The *Technopedia Content Guide* contains the following information:

- Chapter 1, "Introduction to Technopedia,"—Provides an overview of Technopedia and the Technopedia Content Packs.

- Chapter 2, "Technopedia Basic Content,"—Provides the Technopedia baseline data, including the manufacturer, hardware, and software information required for successful IT processes and projects.

- Chapter 3, "Technopedia Content Packs,"—Provides information about the Technopedia Content Packs, which extend Technopedia with use-case specific IT content, such as product lifecycle, hardware specifications, application compatibility, and more.

About Technopedia

Technopedia is the world's largest repository of technology market information. It contains enterprise software and hardware products categorized and aligned to deliver consistent, accurate, and business-relevant information. Technopedia market data is updated daily, keeping pace with the velocity of IT and MD. This results in highly-accurate analysis for best-case business decisions.

Technopedia contains:

- Hardware and software entries, including Manufacturer, Model, Supported OS, Edition, Platforms, Release, Version, and Suite.

- Market data points such as, General Availability, End-of-Life, Windows 7/8/10 Compatibility, Windows Server Compatibility, and Hardware Specifications.

- BDNA is expanding Technopedia with a new vertical, the "Healthcare Market." This extension to Technopedia includes Medical Devices and a new set of Market Data attributes. In its first phase, the medical devices will only include "Repairable Medical Devices" (FDA Class 2 & 3).

- Technopedia receives over 2,000 updates daily.

Technopedia provides the market intelligence you need in order to make smarter and faster decisions. Some of its many uses include:

- A media library used in conjunction with your CMDB.

- A reference IT/MD catalog for market intelligence and procurement research.

- An essential component of an enterprise architecture tool set, or vendor management integration.

- Medical devices and a new set of market data attributes pertaining to medical devices.

The Technopedia Data Factory

The Technopedia Data Factory is the infrastructure built by BDNA to create, curate, and manage Technopedia. The Technopedia Data Factory is a combination of tools, automation, and human processes that have been refined in order to deliver precise and accurate information. Much like a continuous manufacturing plant, it also produces high-quality data. The "stations" that comprise the Technopedia Data Factory include:

1. **Data Capture**—Technical Researchers from BDNA operate automated collection tools, monitoring manufacturer websites and blogs for event-driven information about software and hardware products. Data can also be added through interaction with customers who are already using Technopedia. This can take the form of customer requests for enhancements, or by adding unmatched data to Technopedia.

2. **Curation**—A team of BDNA Curation Analysts determines whether the new data actually belongs in Technopedia, where that data fits within the Technopedia taxonomy, and what supplemental market data can be added to enhance the new data.

3. **Quality Assurance**—When the curation process is finished, the new data is thoroughly examined by a Quality Assurance team. This team checks for typos, spelling, grammatical errors, duplicates, inconsistencies, and missing data.

4. **Technopedia**—At this point, the certified data is integrated into Technopedia. Once deployed, additions or corrections to the data can be provided by users of Technopedia. These are forwarded to BDNA Curation Analysts who determine how the new information fits within the Technopedia framework.

Figure 1: Technopedia Data Factory
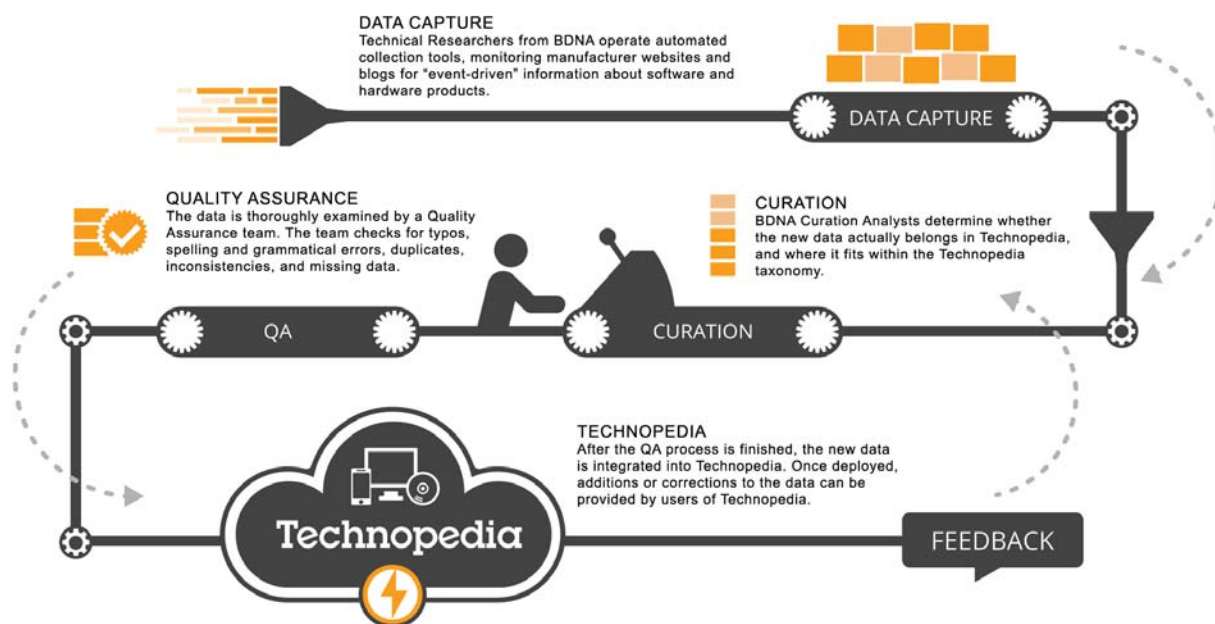
About the Technopedia Content Packs

Technopedia Content Packs extend Technopedia with use-case-specific IT and Medical Device content, such as Product Lifecycle, Hardware Specifications, and Application Compatibility. Like Technopedia, Content Packs are updated daily in order to reflect the latest advances in the marketplace. Additionally, the number of Content Packs and supported use cases grows every day.

Figure 2: Technopedia Basic Content and Content Packs

Technopedia Basic Content 2
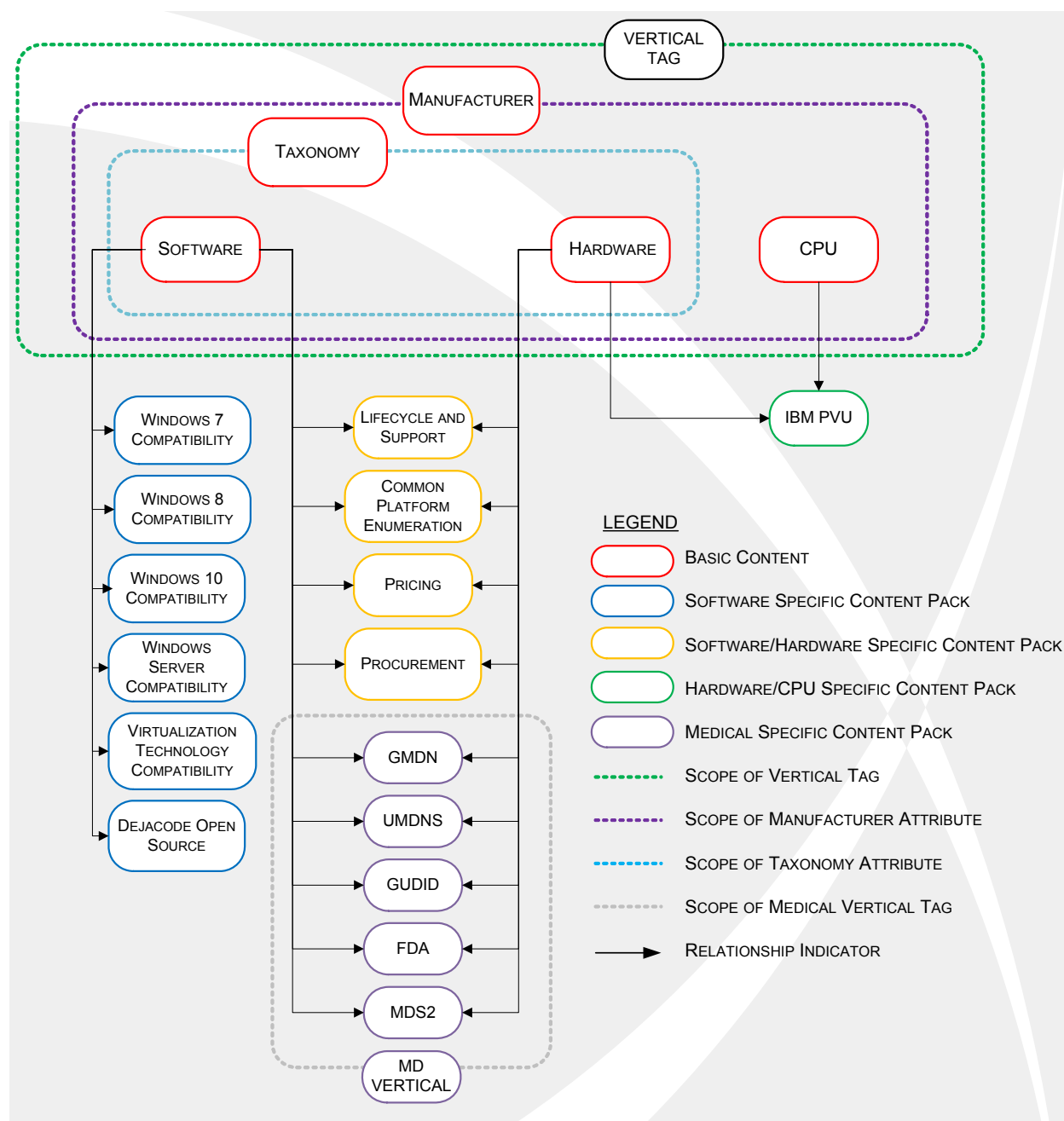
About this Chapter

This chapter contains tables that show the Basic Content of Technopedia organized by type of data. In addition, the tables provide descriptions of the attributes associated with the different types of data.

Common Attributes

Table1, "Common Attributes," shows the attributes that are common to all data types.

Table 1: Common Attributes

Attribute	Description
Create Date	The date when an entry was first created.
Last Modified Date	The date when last modification to the entry was made.
To Be Deleted	This indicates whether or not a record is marked for deletion (i.e. Y or N).
To Be Deleted On	The date when the record will be deleted.
Delete Reason	The reason why the entry is marked for deletion (i.e. values are Duplicate or Inaccurate).
Replacement ID	The unique identifier of the replacement entry whenever the entry is marked for deletion as a 'Duplicate.'
Is Private	Yes = Private entry; No = Original Technopedia entry.
Private Flag	0 = Not Modified (i.e. original Technopedia entry); 1 = Modified Technopedia object; 2 = Proprietary object (those that have negative IDs).
Private Type	PRIVATE_TYPE = NULL if PRIVATE_FLAG = 0,PRIVATE_TYPE = Modified Technopedia entry if PRIVATE_FLAG = 1,PRIVATE_TYPE = Proprietary entry if PRIVATE_FLAG = 2.

Table 2: Industry Tag

Attribute	Description
Industry Tag ID	The unique identifier for an industry tag.
Industry Title	This is a "vertical integration" tag that identifies the industry within which a manufacturer belongs, based on the majority of their products.
Industry Tag Notes	This entails notes and any additional information regarding the Industry Tag.
Short Name	The short name for tags, such as IT, MD, etc.

Table 2: Industry Tag

Attribute	Description
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 3: Industry Codes

Attribute	Description
Industry Codes ID	The unique identifier for an Industry Code.
Code Source	The Source from which industry tag categories are derived (i.e. NAICS, SIC, or UNSPSC).
Code Number	Numeric codes of the industry categories used by NAICS, SIC, and UNSPSC.
Industry Title	Includes notes and any additional information regarding Industry Titles.

Table 4: Industry Tag with Codes

Attribute	Description
Industry Tag with Codes ID	The unique identifier for Industry with code.
Code Source	The Source from which industry tag categories are derived (i.e. NAICS, SIC, or UNSPSC).
Industry Tag Title	This is a "vertical integration" tag that identifies the industry within which a manufacturer belongs, based on the majority of their products.
Code Number	Numeric codes of the industry categories used by NAICS, SIC, and UNSPSC.
Industry Title	Includes notes and any additional information regarding Industry Titles.
Industry Codes ID	The unique identifier for Industry code.
Industry Tag ID	See "Industry Tag ID."

Manufacturer

Table 5: Manufacturer

Attribute	Description
Manufacturer ID	The manufacturer table's unique identifier.
Manufacturer Owner ID	The manufacturer owner's unique identifier.
Manufacturer	The manufacturer name (as obtained from the official website).
Legal	The legal entity of a company (i.e., Corporation, Limited, etc.).
Symbol	A company's stock/ticker symbol (if publicly traded).
Tier	The categorization of manufacturers based on priority/importance.
Website	The manufacturer's official website.
Date Acquired	The date the manufacturer was acquired, if applicable.
Description	A brief description of the manufacturer.
Known As	Another name the manufacturer is known by (i.e., an abbreviation, expanded name, informal name, etc.).
Street	The street address of the manufacturer/vendor headquarters.
City	The city where the manufacturer is based (typically, the location of its headquarters).
State	The state or province in which the manufacturer/vendor headquarters is located.
Zip	The Zip/postal code of the manufacturer/vendor headquarters.
Country	The country where the manufacturer is based (typically, the location of its headquarters).
Phone	The manufacturer's telephone number.
Fax	The manufacturer's fax number.
Email	The manufacturer's email address.

Table 5: Manufacturer (Continued)

Attribute	Description
Publicly Traded	This indicates whether a manufacturer/vendor is publicly traded (i.e. 'Y' or 'N').
Revenue (in millions of USD)	Latest annual revenue (in millions of USD).
Revenue Date	The date in which the revenue number was collected.
Fiscal End Date	The date that marks the end of the manufacturer/vendor fiscal year.
Profits Per Year (in millions of USD)	The manufacturer's annual profits (in millions of USD).
Profits Date	The date in which the profit numbers were collected.
Employees	The number of employees a manufacturer has.
Employees Date	The date the number of employees was collected.
Industry Tag ID	See "Industry Tag ID."
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Taxonomy

Table 6: Taxonomy2012

Attribute	Description
Taxonomy ID	The unique identifier for BDNA taxonomy.
Taxonomy Parent ID	The identifier of the parent category.
Taxonomy	The Category 2 taxonomy name.
Description	A brief description of the category.
Software/Hardware	The software or hardware taxonomy.
Category Group	The optional attribute you can use to further simplify or re-organize the current, 2-level BDNA taxonomy into an additional, higher level. It groups the Taxonomy parent ID into several discrete buckets.

Table 6: Taxonomy2012 (Continued)

Attribute	Description
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Software

Table 7: Software Product

Attribute	Description
Software Product ID	The unique identifier for software products.
Manufacturer ID	See "Manufacturer ID."
Software	The name of the software product.
Family	The brand or family to which the software product belongs, if applicable.
Vendor Category	The vendor that provides the product.
Component	The component of the software product, if applicable.
Alias	Another name by which the software product was previously known.
Is Suite	This indicates whether the software product is a suite or not.
Taxonomy ID	See "Taxonomy ID."
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 8: Software Product Link

Attribute	Description
Software Product Link ID	The unique identifier for the type of software product link/association.
Software Product ID	See "Software Product ID."
Former Software Product ID	The product ID of the immediately prior or previous iteration of the product.
Later Software Product ID	The product ID of the immediately subsequent iteration of the product.

Table 8: Software Product Link (Continued)

Attribute	Description
Oldest Software Product	The oldest iteration of the product.
Latest Software Product	The product ID of the most recent iteration of the product.
Cloud	The flag that identifies whether the product is "Cloud-Only," "On-Premise-Only," or "Cloud and On-Premise."
Software Premise ID	The unique identifier of an equivalent on-premise product for this cloud product.
Software Cloud ID	The unique identifier of an equivalent cloud product for this on-premise product.

Table 9: Software Edition

Attribute	Description
Software Edition ID	The unique identifier for software edition.
Create Date	See "Create Date."
Replacement ID	See "Replacement ID."
Software Product ID	See "Software Product ID."
Edition	The software product edition name.
Edition Order	A number that indicates the order of importance/priority of this particular edition among all editions of the product.
Taxonomy ID	See "Taxonomy ID."
De-supported Flag	A flag that indicates that the entry has been de-supported by the vendor. The de-support date is in the past (whether the exact date is known or unknown).
URL	This is the URL that provides reference to the edition.
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."

Table 9: Software Edition (Continued)

Attribute	Description
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 10: Software Version Group

Attribute	Description
Software Version Group ID	The unique identifier for the software version group.
Software Product ID	See "Software Product ID."
Version Group	The name of the version group (or market version) of the software group.
De-supported Flag	See "De-supported Flag."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 11: Software Version

Attribute	Description
Software Version ID	The unique identifier for software version.
Software Product ID	See "Software Product ID."
Software Version Group ID	See "Software Version Group ID."
Version	The software version name/number.
De-Supported Flag	See "De-supported Flag."
Is Major Version	This describes whether or not this row is a Major Version.
Software Major Version ID	If it is not the Major Version ID, this identifies the Version ID of a particular row's Major Version.
Patch Level	The software patch, update, or service pack level, if applicable.
Subversion	This indicates the stage within the lifecycle of a product version from its initial inception to the final/end form and beyond.

Table 11: Software Version (Continued)

Attribute	Description
Version Order	A number that indicates the sequential order by which this particular version was released.
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 12: Software Release

Attribute	Description
Software Release ID	The unique identifier for software releases.
Manufacturer ID	See "Manufacturer ID."
Software Product ID	See "Software Product ID."
Version	The software version name/number.
Software Edition ID	See "Software Edition ID."
Software Version Group ID	See "Software Version Group ID."
Software Version ID	See "Software Version ID."
GA Date	The date in which the product is generally available through official vendor distributions or published by the vendor.
Licensable	A flag that indicates whether the software release is licensable or not.
Is Major	This indicates whether or not this is a major release.
Associated Major Release ID	This indicates the ID for a major release.
De-Supported Flag	See "De-supported Flag."
Discontinued Flag	A flag that indicates whether the entry is known or unknown.
URL	See "URL."
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 13: Software Release Link

Attribute	Description
Software Release Link ID	The unique identifier for the specific type of software release link or association.
Software Release ID	See "Software Release ID."
Former Software Release ID	This is the software release ID of the immediately previous iteration of the release.
Later Software Release ID	This is the software release ID of the immediately subsequent iteration of the release.
Oldest Software Release ID	This is the software release ID of the oldest iteration of the release.
Latest Software Release ID	This is the software release ID of the latest/newest iteration of the release.

Table 14: Software Release Platform

Attribute	Description
Software Release Platform ID	The unique identifier for a software release platform.
Software Release ID	See "Software Release ID."
Release Platform	The software release's platform name.
Platform Label	The name of the platform supported by the software release.
Platform Type	A flag that indicates whether the software release's supported platform is a server, a desktop, both a platform and a desktop, or a mainframe.
De-supported Flag	See "De-supported Flag."
Discontinued Flag	See "Discontinued Flag."

Table 15: Software Release Group

Attribute	Description
Software Release Group ID	The unique identifier for software release group table.
Create Date	See "Create Date."
Replacement ID	See "Replacement ID."
Software Edition ID	See "Software Edition ID."
Software Product ID	See "Software Product ID."
Software Version Group ID	The unique identifier for version group table.
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Hardware

Table 16: Hardware Product

Attribute	Description
Hardware Product ID	The unique identifier for the hardware product.
Product	The hardware product name.
Manufacturer ID	See "Manufacturer ID."
Taxonomy ID	See "Taxonomy ID."
Products Vendor Category	The vendor that provides the product.
De-supported Flag	See "De-supported Flag."

Table 17: Software Suite

Attribute	Description
Software Suite ID	The unique release identifier for the suite.
Suite	The suite name.
Manufacturer ID	See "Manufacturer ID."

Table 17: Software Suite (Continued)

Attribute	Description
Software Product ID	See "Software Product ID."
Software Edition ID	See "Software Edition ID."
Software Version ID	See "Software Version ID."
Software Release ID	See "Software Release ID."
Software Version Group ID	See "Software Version Group ID."
De-supported Flag	See "De-supported Flag."

Table 18: Software Suite Component

Attribute	Description
Software Suite Component ID	The unique release identifier for the suite component.
Software Suite ID	The release ID for the suite.
Manufacturer ID	See "Manufacturer ID."
Software Product ID	See "Software Product ID."
Software Edition ID	See "Software Edition ID."
Software Version ID	See "Software Version ID."
Software Release ID	See "Software Release ID."
Software Version Group ID	See "Software Version Group ID."
De-supported Flag	See "De-supported Flag."

Table 19: Taxonomy Source

Attribute	Description
Taxonomy Category Source ID	The unique identifier for the taxonomy category source.
Source Category	The name of the referenced category as labeled on the source website.
Category Source ID	The unique identifier for the category source.
Taxonomy ID	See "Taxonomy ID."

Table 19: Taxonomy Source

Attribute	Description
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

CPU

Table 20: CPU Model

Attribute	Description
CPU Model ID	The unique identifier for the CPU model.
CPU Model	This is the exact CPU model, including model number, speed/clock rate, and code name, if applicable.
Manufacturer ID	See "Manufacturer ID."
Cores	The number of cores per CPU chip.
Clock Rate	The clock speed or frequency at which a CPU is running (in MHz).
ISA Bit Mode	Instruction Set Architecture (ISA) indicates whether the CPU architecture allows direct support for 32-bit or 64-bit data types and addresses.
Threaded	Indicates whether the CPU supports multi-threading.
Number of Threads	The number of threads supported.

Table 21: Platforms

Attribute	Description
Platforms ID	The unique identifier for platforms.
Create Date	See "Create Date."
Replacement ID	See "Replacement ID."
Platform Name	The platform name (i.e., MacOS, Mainframe, Solaris, Linux, etc.).
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."

Table 21: Platforms

Attribute	Description
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 22: Tag

Attribute	Description
Tag ID	The unique identifier for the tag table.
Tag Name	The vertical name of a tag.
Short Name	The short name for a tag.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 23: Manufacturer Tag Map

Attribute	Description
Manufacturer Tag Map ID	The unique identifier for the Manufacturer Tag Map.
Manufacturer ID	See "Manufacturer ID."
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Replacement ID	See "Replacement ID."
Tag ID	The Industry tag's unique identifier for table CAT_TAG.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 24: Taxonomy 2012 Tag Map

Attribute	Description
Taxonomy 2012 Tag Map ID	The unique identifier for the Taxonomy 2012 Tag Map.
Taxonomy ID	See "Taxonomy ID."
Replacement ID	See "Replacement ID."
Tag ID	See "Tag ID."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 25: Software Product Tag Map

Attribute	Description
Software Product Tag Map ID	The unique identifier for the Software Product Tag Map.
Software Product ID	See "Software Product ID."
Tag ID	See "Tag ID."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Replacement ID	See "Replacement ID."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."

Table 26: Hardware Product Tag Map

Attribute	Description
Hardware Product Tag Map Type ID	The unique identifier for the hardware product tag map type.
Hardware Product ID	See "Hardware Product ID."
Replacement ID	See "Replacement ID."
Tag ID	See "Tag ID."
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 27: Technopedia Versions

Attribute	Description
Technopedia Versions ID	The unique identifier for the Technopedia version.
Legal	The legal entity of the company (i.e., Corporation, Limited, etc.).
Release Date	The date of the Technopedia release.
Release Order	The Technopedia release order, where 1 equals Release 2.0, and so on.
Version	The Technopedia version number.

Table 28: Taxonomy Category Source

Attribute	Description
Category Source ID	The unique identifier for Category Source.
Taxonomy Category Source	The unique identifier for Taxonomy Category Source.
Taxonomy ID	See "Taxonomy ID."
Category Source	The name of the referenced-category as it is depicted on the source's website.

Table 28: Taxonomy Category Source

Attribute	Description
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Technopedia Content Packs 3

About this Chapter

This chapter lists the names of the Technopedia Content Packs that are available from BDNA. BDNA periodically adds to the number of Content Packs and the data types and attributes listed in this chapter.

This chapter provides Tables, Attributes, Display Labels, and Descriptions for the BDNA Technopedia Content Packs, which includes Content Packs for Information Technology (IT) and Medical Devices (MD).

Technopedia Content Packs

Technopedia Content Packs extend Technopedia with use-case-specific IT content, such as Product Lifecycle, Hardware Specifications, and Application Compatibility. Like Technopedia, Content Packs are updated daily to reflect the latest advances in the marketplace. Additionally, the number of Content Packs and supported use cases grows every day.

Content Packs Common to Technopedia IT and Technopedia MD

The following content packs are applicable to both Technopedia IT and Technopedia MD. For a list of content packs that are specific to either Technopedia IT or Technopedia MD only, please see the sections on pages 62 and 79 respectively.

Lifecycle and Support

The Lifecycle and Support Content Pack is designed to help you eliminate risk and plan effectively for software end-of-life and vendor support changes.

Table 29: Support Policy

Attribute	Description
Support Policy ID	The unique identifier for the support policy.
Manufacturer ID	See "Manufacturer ID."
Support Policy	The name of the support policy as published by the vendor.
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 30: Support Stage

Attribute	Description
Support Stage ID	The unique identifier for the support stage.
Stage Order	The order of the support stage or level.
Support Policy ID	The unique identifier for the support policy.
Support Stage	The name of the support stage or level as published by the vendor.
Support Stage Definition	The definition of the support stage.
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 31: Software Release Support Stage

Attribute	Description
Software Release Support Stage ID	The unique identifier for software release support stage table.
Date (End Date)	The date that marks the end of the support stage/level, normalized to follow BDNA date format.
Support Stage ID	The unique identifier for the software support stage.
Published End Date	The date that marks the end of the support stage/level as published by the vendor.
Stage Order	The order of the support stage or level.
Support Stage Level	The name of the support stage or level as published by the vendor.
Software Release ID	The software release's unique identifier.
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 32: Hardware Model

Attribute	Description
Model ID	The unique identifier for a hardware model.
Manufacturer ID	See "Manufacturer ID."
Taxonomy ID	See "Taxonomy ID."

Table 32: Hardware Model

Attribute	Description
Hardware Product ID	See "Hardware Product ID."
Date Introduced	The date the hardware was introduced/announced, and captured the way it was published by the vendor.
Date Available	The date the hardware was available for sale, captured the way it was published by the vendor.
End of Life Date	The date in which a device is announced as "discontinued" or "legacy" by the manufacturer.
End of Sales Date	The last date to order the product through manufacturer point-of-sale mechanisms.
Last Ship Date	The last-possible ship date that can be requested of the manufacturer and/or its contract manufacturers.
Model	The device model name/number.
Supported OS	The list of supported operating systems that can be run on the device.
Max CPU sockets	The maximum number of CPU sockets available in the machine.
Last Support Date	The last date that support will be provided by the manufacturer (even after the device has been discontinued). After this date, all support services for the product are unavailable, and the product becomes obsolete.
CPU URL	The 'CPU URL' attribute with the description 'URL as a reference to the information on CPUMAX column.
De-supported Flag	See "De-supported Flag."

Table 33: Software Release Lifecycle

Attribute	Description
Software Lifecycle ID	The unique identifier for software release.
End-of-Life (Date Format)	The last date when full support for a product is provided by the vendor, and standardized to follow BDNA's date format. Partial support may still be still available.
End-of-Life (Text String)	The last date that full support for the product is provided by the vendor, captured the way that it was originally published by the vendor. Partial support may still be available.
End-of-Life Exception	The reason why the end-of-life date is not available or a caveat on the date value that is currently being provided. Values include: • Date not published by vendor • Support policy not defined by vendor • Exact date unknown (a date range is provided) • Contract-based support only (no specific date) • Open-source support only (no specific date) • Limited, self-help support only (no specific date) • Date in the past (exact date unknown) • To be determined • Other
End-of-Life Range (End Date)	The end date of the estimated end-of-life time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.'
End-of-Life Range (Start Date)	The start date of the estimated end-of-life time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.'
End-of-Life Support Level	The name of support level that marks the end-of-life as published by the vendor.
General Availability (Text String)	The date that the product is generally available through official vendor distributions as published by the vendor.
General Availability (Date Format)	The date that the product is generally available through official vendor distributions, standardized to BDNA date format.

Table 33: Software Release Lifecycle

Attribute	Description
General Availability Exception	The reason the general availability date is not available or a caveat on the date value that is currently being provided. Values include: • Date not published by vendor • Support policy not defined by vendor • Exact date unknown (a date range is provided) • Contract-based support only (no specific date) • Open-source support only (no specific date) • Limited, self-help support only (no specific date) • Date in the past (exact date unknown) • To be determined • Other
General Availability Range (Start Date)	The start date of the estimated GA time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.'
General Availability Range (End Date)	The end date of the estimated GA time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.'
Is Private	See "Is Private."
Obsolete (Date Format)	The last date in which any support is provided by the vendor, standardized to follow BDNA date format. The only support available after this date, if applicable, is self-help online support.
Obsolete (Text String)	The last date in which any support is provided by the vendor. The only support available after this date might be self-help online support.
Obsolete Exception	A reason why the obsolete date is not available or a caveat on the date value that is currently being provided. Values include: • Date not published by vendor • Support policy not defined by vendor • Exact date unknown (a date range is provided) • Contract-based support only (no specific date) • Open-source support only (no specific date) • Limited, self-help support only (no specific date) • Date in the past (exact date unknown) • To be determined • Other
Obsolete Range (End Date)	The end date of the estimated obsolete time range. This is required when the exception value is 'Exact date unknown, a date range is provided.'
Obsolete Range (Start Date)	The start date of the estimated obsolete time range. This is required when the exception value is 'Exact date unknown, a date range is provided.'

Table 33: Software Release Lifecycle

Attribute	Description
Obsolete Support Level	The name of the support level once obsolete, as published by the vendor.
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 34: Hardware Lifecycle

Attribute	Description
Hardware Lifecycle ID	The unique identifier for the hardware model.
General Availability (Text String)	The date that the product is generally available through official vendor distributions as published by the vendor.
General Availability (Date Format)	The date that the product is generally available through official vendor distributions, standardized to BDNA date format.
General Availability Exception	The reason why the general availability date is not available or a caveat on the date value that is currently being provided. Values include: • Date not published by vendor • Support policy not defined by vendor • Exact date unknown (a date range is provided) • Contract-based support only (no specific date) • Open-source support only (no specific date) • Limited, self-help support only (no specific date) • Date in the past (exact date unknown) • To be determined • Other
General Availability Range (Start Date)	The start date of the estimated GA time range. This is required when the exception value is 'Exact date unknown, a date range is provided.'
General Availability Range (End Date)	The end date of the estimated GA time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.'
Introduction (Text String)	The date the hardware was introduced as published by the vendor.
Introduction (Date Format)	The date the hardware was introduced, standardized to follow BDNA date format.

Attribute	Description
Introduction Exception	The reason why the introduction date is not available or a caveat on the date value that is currently provided. Values include: • Date not published by vendor • Support policy not defined by vendor • Exact date unknown (a date range is provided) • Contract-based support only (no specific date) • Open-source support only (no specific date) • Limited, self-help support only (no specific date) • Date in the past (exact date unknown) • To be determined • Other
Introduction Range (Start Date)	The start date of the estimated introduction time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.'
Introduction Range (End Date)	The end date of the estimated introduction time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.'
Last Availability (Text String)	The last date in which the hardware is available for purchase from the vendor.
Last Availability (Date Format)	The last date in which the hardware is available for purchase from the vendor, standardized to follow BDNA date format.
Last Availability Exception	The reason why the last availability date is not available or a caveat on the date value that is currently being provided. Values include: • Date not published by vendor • Support policy not defined by vendor • Exact date unknown (a date range is provided) • Contract-based support only (no specific date) • Open-source support only (no specific date) • Limited, self-help support only (no specific date) • Date in the past (exact date unknown) • To be determined • Other
Last Availability Range (Start Date)	The start date of the estimated Last Availability time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.'
Last Availability Range (End Date)	The end date of the estimated Last Availability time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.'
Obsolete (Text String)	The last date in which any support is provided by the vendor. The only support available after this date might be self-help online support.

Attribute	Description
Obsolete (Date Format)	The last date in which any support is provided by the vendor, standardized to follow BDNA date format. The only support available after this date, if applicable, is self-help online support.
Obsolete Exception	A reason why the obsolete date is not available or a caveat on the date value that is currently being provided. Values include: • Date not published by vendor • Support policy not defined by vendor • Exact date unknown (a date range is provided) • Contract-based support only (no specific date) • Open-source support only (no specific date) • Limited, self-help support only (no specific date) • Date in the past (exact date unknown) • To be determined • Other
Obsolete Range (Start date)	The start date of the estimated obsolete time range. This is required when the exception value is 'Exact date unknown, a date range is provided.'
Obsolete Range (End date)	The end date of the estimated obsolete time range. This is required when the exception value is 'Exact date unknown, a date range is provided.'
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Pricing

The Pricing Content Pack includes valuable pricing information about your existing hardware and software assets.

Table 35: Currency

Attribute	Description
Currency ID	See "Currency ID."
Replacement ID	See "Replacement ID."
Currency Code	The currency code as defined in ISO 4217, which is a standard published by the International Organization for Standardization, which delineates currency designators, country codes (alpha and numeric), and references to minor units.

Table 35: Currency

Description	The description (full name) of the currency as defined in ISO 4217, which is a standard published by the International Organization for Standardization, which delineates currency designators, country codes (alpha and numeric), and references to minor units.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 36: Software Pricing

Attribute	Description
Software Pricing ID	The unique identifier for the software pricing.
Average Price	The average price of all available prices for this particular software release.
Currency ID	See "Currency ID."
Is Private	See "Is Private."
Minimum Price	The minimum (lowest) price among all available prices for this particular software release.
Maximum Price	The maximum (highest) price among all available prices for this particular hardware model.
Manufacturer ID	See "Manufacturer ID."
Pricings ID	The unique identifier for pricings.
Private Flag	See "Private Flag."
Private Type	See "Private Type."
Software Edition ID	See "Software Edition ID."
Software Product ID	See "Software Product ID."
Software Release ID	See "Software Release ID."
Software Version ID	See "Software Version ID."
Software Version Group ID	The unique identifier for the software version group.
Taxonomy ID	See "Taxonomy ID."

Table 37: Hardware Pricing

Attribute	Description
Hardware Pricing ID	The unique identifier for hardware pricing ID.
Average Price	The average price of all available prices for this particular hardware model.
Currency ID	See "Currency ID."
Hardware Product ID	The unique identifier for the hardware product.
Hardware Model ID	See "Hardware Model ID."
Hardware Model Profile ID	See "Hardware Model Profile ID."
Manufacturer ID	See "Manufacturer ID."
Maximum Price	The maximum (highest) price among all available prices for this particular hardware model.
Minimum Price	The minimum (lowest) price among all available prices for this particular hardware model.
Taxonomy ID	See "Taxonomy ID."
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Procurement

The Procurement Pack helps you gain clarity on licensing terms and metrics for hardware and software purchases.

Table 38: Software Manufacturer Part Number Price

Attribute	Description
Software Manufacturer Part Number List Price ID	The unique identifier for the software license manufacturer part number list price.
Actual Price	The actual price of an article that is available to the general public.
Currency ID	See "Currency ID."
Default Currency	The default currency (CURRENCY ID) if this record is represented in a different currency within another entry (1=yes, 0=no).
List Price	The price of an article as shown in a list issued by the manufacturer(s).
Manufacturer Part Number	A combination of numbers, letters, and symbols assigned by a designer, manufacturer or vendor in order to identify a specific part or item of material.
Software License Release ID	The unique identifier for the software license release ID.

Table 39: Hardware License Manufacturer Part Number List Price

Attribute	Description
Hardware License Manufacturer Part Number List Price ID	The unique identifier for the hardware license manufacturer part number list price.
Actual Price	The actual price of an article that is available to the general public in terms of market price retail price, and street price.
Currency ID	See "Currency ID."
Default Currency	The default currency (CURRENCY ID) if this record is represented in a different currency within another entry (1=yes, 0=no).

Table 39: Hardware License Manufacturer Part Number List Price

Attribute	Description
Hardware License Model ID	The unique identifier for hardware license model.
List Price	The price of an article as shown in a list issued by the manufacturer(s).
Manufacturer Part Number	A combination of numbers, letters, and symbols assigned by a designer, manufacturer or vendor in order to identify a specific part or item of material.

Table 40: Hardware License Product

Attribute	Description
Hardware License Product ID	The unique identifier for the hardware license product table.
Hardware Model ID	See "Hardware Model ID."
Hardware Model Profile ID	See "Hardware Model Profile ID."
License Product	A combination of various Technopedia product attributes, i.e. Product Name + Model Name (if applicable) + Profile (if applicable).
Manufacturer	The manufacturer name.
Manufacturer ID	See "Manufacturer ID."
Taxonomy ID	See "Taxonomy ID."
Is Private	See "Is Private."

Table 41: Hardware License Model

Attribute	Description
Hardware Model License ID	The unique identifier for the hardware license model.
Hardware License Computer Characteristics ID	The unique identifier for the hardware license characteristics.
Hardware License Type ID	The unique identifier for the hardware license type.
Hardware License UPS ID	The unique identifier for the UPS hardware license.
Hardware Model ID	See "Hardware Model ID."
Hardware Model Profile ID	See "Hardware Model Profile ID."

Table 41: Hardware License Model

Attribute	Description
Hardware product description (long)	Hardware product description (long).
Hardware product ID	See "Hardware Product ID."
Metrics	License metric(s) for the device, as specified in the hardware license.
License Term	The term of the hardware license.
License Period Value	License period of the device as indicated in the hardware license.
License Period Unit	Unit of period value column.
License Type	The type of license as indicated in the hardware license.
Maintenance Period Value	The maintenance period that comes with the device as indicated in the hardware license.
Maintenance Period Unit	Unit of maintenance period value column.
Manufacturer ID	See "Manufacturer ID."
Other License Terms	Other terms/conditions or additional information indicated in the hardware license.
Unit Count (Minimum)	The minimum count of devices included in the hardware license.
Unit Count (Maximum)	The maximum count of devices included in the hardware license.
Unit Pack	The unit of devices included in the hardware license.
Vendor Product Name	The complete name of the product as presented by the vendor in the hardware license as well as other official documentation and/or websites.
Vendor Unit of Measure	The unit of measure of the product as indicated in the hardware license.
Installation Guide URL	The installation guide URL.
CutSheet (.pdf)	The attribute of the CutSheet URL.
Picture URL	The attribute with the description of the 'Picture URL.'

Table 42: Hardware License Additional Hardware

Attribute	Description
Hardware License Additional Hardware ID	The unique identifier for hardware license additional hardware.
Hardware License Model ID	The unique identifier for the hardware license model.
Replacement ID	See "Replacement ID."
Hardware Model ID	See "Hardware Model ID."
Hardware Product ID	See "Hardware Product ID."
Manufacturer ID	See "Manufacturer ID."
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 43: Hardware License Additional Software

Attribute	Description
Hardware License Additional Software ID	The unique identifier for hardware license additional software.
Hardware License Model ID	The unique identifier for the hardware license model.
Manufacturer ID	See "Manufacturer ID."
Software Edition ID	See "Software Edition ID."
Software Product ID	See "Software Product ID."
Software Version ID	See "Software Version ID."
Software Release ID	See "Software Release ID."
Specific Version Flag	Indicates a specific version of the software product, as indicated in the license, is required.

Table 44: Hardware License CPU Characteristics

Attribute	Description
Hardware License CPU ID	The unique identifier for the hardware license CPU.
CPU Model ID	The unique identifier for the CPU model.
Replacement ID	See "Replacement ID."
Hardware License Model ID	The unique identifier for hardware license model.
Manufacturer ID	See "Manufacturer ID."
License Product	A concatenation of various Technopedia product attributes with the following rule: Family (if applicable) + Product Name + Edition (if applicable) + Component (if applicable) + Version Group (if the orderable name does NOT require specific version) or Version (if the orderable name requires specific version) + 'for' Platform (if applicable).
Requires Specific Version	The flag that indicates whether the license is only authorized on a specific version or not.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 45: Software License Product

Attribute	Description
Software License Product ID	The unique identifier for the software license product.
Manufacturer ID	See "Manufacturer ID."
Platforms ID	The unique identifier for platforms.
Software Edition ID	See "Software Edition ID."
Software Release ID	See "Software Release ID."

Table 45: Software License Product

Attribute	Description
Software Version ID	See "Software Version ID."
Software Version Group ID	The unique identifier for the software version group.
Taxonomy ID	See "Taxonomy ID."

Table 46: Software License Release

Attribute	Description
Software Release License ID	The unique identifier for the software license release.
Core Factor	The specific value assigned by the manufacturer to a specific multi-core processor(s) that determines the license value.
Cross-language Authorized Flag	This flag indicates whether changing language(s) is allowed, as specified in the software license.
Cross-platforms Authorized Flag	This flag indicates whether changing platform(s) is allowed, as specified in the software license.
Cut Sheet URL	The URL cut sheet.
Distribution Media	This is the combined value of one or more values from the distribution media column, as specified in the software license.
Distribution Media ID	The unique identifier for distribution media.
Downgrade Edition Authorized Flag	This flag indicates whether the edition downgrade is authorized in the software license.
Downgrade Edition Increment	This is the incremental value of the edition downgrade if it is authorized in the downgrade version authorized column.
Downgrade Period (Maximum)	The maximum length of period (in months) in which the version downgrade is authorized.
Downgrade Period (Minimum)	The minimum length of period (in months) in which the version downgrade is authorized.
Downgrade Version Authorized Flag	The flag that indicates whether the version downgrade is authorized in the software license.
Downgrade Version Increment	The incremental value of the version downgrade if it is authorized in the downgrade version authorized column.

Table 46: Software License Release

Attribute	Description
Dual License Authorized Flag	This flag indicates whether dual usage is authorized (i.e., desktop and laptop usage for one license), as specified in the software license.
Environments	The combined value of one or more values from the environment column, as specified in the software license.
Environments ID	The unique identifier of the environment.
Environments (Other)	Other deployment environment(s) not captured in the environments column.
Install Guide URL	The URL for the installation guide.
Languages	The combined value of one or more supported language(s) from the language column, as specified in the software license.
Languages ID	The unique identifier for a language.
License Metrics	The combined value of one or more values from multiple license metric columns, as specified in the software license.
License Period Unit	The unit of period value column.
License Period Value	The license period of the software as mentioned in the software license.
License Product Long Description	The long description of the product.
License Term	The term of the software license.
License Types	The combined value of one or more values from the license type column, as specified in the software license.
License Types ID	License types ID.
License Types Other	Other license type(s) not captured in license type column.
Maintenance Grades	The combined value of one or more values from the maintenance grade column, as specified in the software license.
Maintenance Grades ID	The unique identifier of the maintenance grade.
Maintenance Period Unit	The unit of maintenance period value column.
Maintenance Period Value	The value of the maintenance period, as specified in the software license.
Manufacturer ID	See "Manufacturer ID."
Other License Information	The other terms/conditions or additional information mentioned in the software license.

Table 46: Software License Release

Attribute	Description
Picture URL	The URL of the picture.
Platforms ID	The unique identifier for platforms.
Price Levels	The combined value of one or more values from the price level column, as specified in the software license.
Price Levels ID	The unique identifier for the price level.
Pricings	The combined value of one or more values from the pricing column, as specified in the software license.
Pricings ID	The unique identifier for pricings.
Programs	The combined value of one or more values from the program column, as specified in the software license.
Programs ID	The unique identifier for programs.
Re-assignment Authorized Flag	This indicates whether re-assignment of the license is authorized.
Software Edition ID	See "Software Edition ID."
Software Product Description (Long)	A long description of the Software product.
Software Product ID	See "Software Product ID."
Software Release ID	See "Software Release ID."
Software Version ID	See "Software Version ID."
Specific Version Flag	Indicates a specific version of the software product, as indicated in the license, is required.
Taxonomy ID	See "Taxonomy ID."
Unit Count Minimum	The minimum count of licenses included in the software license.
Unit Count Maximum	The maximum count of licenses included in the software license.
Unit Pack	The unit of licenses included in the software license.
Vendor Product Name	The complete name of the product as presented by the vendor in the software license as well as other official documentations and/or website.
Vendor Unit of Measure	The unit of measure of the product as mentioned in the software license.
Upgrade Edition Authorized Flag	This indicates whether edition upgrade is authorized in the software license.

Table 46: Software License Release

Attribute	Description
Upgrade Edition Increment	The incremental value of the edition upgrade if it is authorized in the upgrade version authorized column.
Upgrade Period Minimum	The minimum length of period (in months) that version upgrade is authorized.
Upgrade Period Maximum	The maximum length of period (in months) that version upgrade is authorized.
Upgrade Version Authorized Flag	This indicates whether version upgrade is authorized in the software license.
Upgrade Version Increment	The incremental value of the version upgrade if it is authorized in the upgrade version authorized column.
Virtual Install Authorized Flag	This indicates whether virtualized deployment is authorized, as specified in the software license.
Virtual Install Maximum	The maximum amount of virtualized deployment authorized, as specified in the software license.

Table 47: Software License Additional Software

Attribute	Description
Additional Software ID	The unique identifier for the additional software license software.
Software Edition ID	See "Software Edition ID."
Additional Software License Release ID	The unique identifier for the software license release.
Manufacturer ID	See "Manufacturer ID."
Software Product ID	See "Software Product ID."
Software Release ID	See "Software Release ID."
Software Version ID	See "Software Version ID."
Specific Version Flag	This indicates that a specific version of the software product, as indicated in the license, is required.
Software Version Group ID	The 'CAT_SW_VERSION_GROUP' table's unique identifier.

Table 48: Software License Distribution Media

Attribute	Description
Software License Distribution Media ID	The unique identifier for the software license distribution media.
Replacement ID	See "Replacement ID."
Distribution Media	The distribution method of the software (i.e., CD/DVD, downloads, etc.) as mentioned in the software license.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 49: Software License Distribution Medias

Attribute	Description
Software License Distribution Medias ID	The unique identifier for software license distribution **medias**.
Replacement ID	See "Replacement ID."
Distribution Media Order	The order of values in distribution media's column based on priority.
Distribution Media Quantity	The quantity of distribution media included in the software license.
Software License Distribution Media ID	The unique identifier for the software license distribution media.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 50: Software License Environment

Attribute	Description
Software License Environment ID	The unique identifier for the software license environment.
Replacement ID	See "Replacement ID."
Environment	The environment in which the software license applies (i.e., development, production, etc.).
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 51: Software License Environments

Attribute	Description
Software License Environments ID	The unique identifier for the software license **environments**.
Replacement ID	See "Replacement ID."
Environment Order	The order of values in the environments column based on priority.
Software License Environment ID	The unique identifier for the software license environment.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 52: Software License Language

Attribute	Description
Software License Language ID	The unique identifier for the software license language.
Replacement ID	See "Replacement ID."
Language	The supported language(s), as specified in the software license.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 53: Software License Languages

Attribute	Description
Software License Languages ID	The unique identifier for the software license **languages**.
Language Order	The order of values in the languages column based on priority.
Software License Language ID	The unique identifier for the software license language.
Replacement ID	See "Replacement ID."
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 54: Software License Maintenance Grade

Attribute	Description
Software License Maintenance Grade ID	The unique identifier for the software license maintenance grade.
Replacement ID	See "Replacement ID."
Manufacturer ID	See "Manufacturer ID."
Maintenance Grade	The manufacturer-specific maintenance grade, as specified in the software license.
Maintenance Grade Definition	The manufacturer definition of the value in the maintenance grade column.
URL	See "URL."
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 55: Software License Maintenance Grades

Attribute	Description
Software License Maintenance Grades ID	The unique identifier for the software license maintenance **grades**.
Replacement ID	See "Replacement ID."
Maintenance Grade Order	This is the order of values in the maintenance grades column based on priority.
Software License Maintenance Grade ID	The unique identifier for the software license maintenance grade.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 56: Software License Metric

Attribute	Description
Software License Metric ID	The unique identifier for the software license metric.
Replacement ID	See "Replacement ID."
License Metric 1	The first part of the license metric as defined in the software license.
License Metric 2	The second part of the license metric, if applicable, as defined in the software license.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 57: Software License Metrics

Attribute	Description
Software License Metric ID	The unique identifier for the software license metric.
Software License Metrics ID	The unique identifier for the software license metrics.
Replacement ID	See "Replacement ID."
License Metric Minimum Value	The minimum value of the license metric as defined in the software license.
License Metric Maximum Value	The maximum value of the license metric as defined in the software license.
License Metric Order	The order of the license metrics by priority as defined in the software license.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."

Table 57: Software License Metrics (Continued)

Attribute	Description
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 58: Software License Price Level

Attribute	Description
Software License Price Level ID	The unique identifier for the software license price level.
Replacement ID	See "Replacement ID."
License Price Level	The software manufacturer-specific pricing level, as specified in the software license.
Definition	The manufacturer definition of the value within price level column.
Manufacturer ID	See "Manufacturer ID."
URL	See "URL."
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 59: Software License Price Levels

Attribute	Description
Software License Price Levels ID	The unique identifier for software license price **levels**.
Replacement ID	See "Replacement ID."
Order	The order of values in the price levels column based on priority.
Software License Price Level ID	The unique identifier for the software license price level.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."

Table 59: Software License Price Levels (Continued)

Attribute	Description
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 60: Software License Pricing

Attribute	Description
Software License Pricing ID	The unique identifier for the software licensing pricing.
Replacement ID	See "Replacement ID."
Definition	The manufacturer definition of the value within price level column.
Manufacturer ID	See "Manufacturer ID."
Pricing	The software pricing as specified in the software license.
URL	The URL that provides reference to the DEFINITION column.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 61: Software License Pricings

Attribute	Description
Software License Pricings ID	The unique identifier for software license pricings.
Replacement ID	See "Replacement ID."
Order	The order of values in the price levels column based on priority.
Software License Pricing ID	The unique identifier for the software licensing pricing.

Table 61: Software License Pricings (Continued)

Attribute	Description
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 62: Software License Program

Attribute	Description
Software License Program ID	The unique identifier for the software license program.
Replacement ID	See "Replacement ID."
Definition	The manufacturer definition of the value within price level column.
Manufacturer ID	See "Manufacturer ID."
Program	The manufacturer-specific licensing program, as specified in the software license.
URL	See "URL."
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 63: Software License Programs

Attribute	Description
Software License Programs ID	The unique identifier for software license **programs**.
Delete Reason	See "Delete Reason."
Replacement ID	See "Replacement ID."

Table 63: Software License Programs (Continued)

Attribute	Description
Order	The order of values in the price levels column based on priority.
Software License Program ID	The unique identifier for the software license program.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 64: Software License Type

Attribute	Description
Software License Type ID	The unique identifier for the software license type.
Replacement ID	See "Replacement ID."
License Type	The type of license as indicated in the software license.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 65: Software License Types

Attribute	Description
Software License Type ID	The unique identifier for the software license type.
Software License Types ID	The unique identifier for the software license types.
Replacement ID	See "Replacement ID."

Table 65: Software License Types (Continued)

Attribute	Description
Order	The order of values in the license types column based on priority.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 66: Software License Upgrade Form

Attribute	Description
Software License Upgrade Form ID	The unique identifier for software license upgrades.
Manufacturer ID	See "Manufacturer ID."
Software Edition ID	See "Software Edition ID."
Software License Release ID	The unique identifier for the software license release ID.
Software Product ID	See "Software Product ID."
Software Release ID	See "Software Release ID."
Specific Version Flag	This indicates that a specific version of the software product, as indicated in the license, is required.
Software Version ID	See "Software Version ID."

Table 67: Manufacturer Part Number

Attribute	Description
Manufacturer Part Number ID	The unique identifier for the manufacturer part number.
Manufacturer ID	See "Manufacturer ID."
Product	The product component of the CPE URI.
Software Product ID	See "Software Product ID."
Software Edition ID	See "Software Edition ID."

Table 67: Manufacturer Part Number

Attribute	Description
Software Version Group ID	The unique identifier for the software version group.
Software Version ID	See "Software Version ID."
Software Release ID	See "Software Release ID."
Hardware Product ID	See "Hardware Product ID."
Hardware Model ID	See "Hardware Model ID."
Hardware Model Profile ID	See "Hardware Model Profile ID."
Taxonomy ID	See "Taxonomy ID."
List Price	The price of an article as shown in a list issued by the manufacturer(s).
Actual Price	The actual price of an article that is available to the general public.
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Replacement ID	See "Replacement ID."
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 68: Hardware License Computer Characteristics

Attribute	Description
Hardware License Computer Characteristics ID	The unique identifier for the hardware license characteristics.
Data Link Protocol	The data link protocol(s) supported by the device as indicated in the hardware license.
Graphics Card	The graphics card(s) installed in the device as indicated in the hardware license.
Hard Drive Interface	The hard drive interface supported by the device as indicated in the hardware license.
Installed RAM	The value of RAM installed in the device as indicated in the hardware license.

Table 68: Hardware License Computer Characteristics

Attribute	Description
Installed RAM Unit	The unit of RAM value as indicated in INSTALLED RAM column.
Interface Ports	The interface ports available on the device as indicated in the hardware license.
Maximum RAM	The maximum RAM supported by the device as indicated in the hardware license.
Maximum RAM unit	The unit of maximum RAM value in the memory maximum column.
Monitor Resolution Length	The length of the monitor (in inches) included in the device, if applicable, as indicated in the hardware license.
Monitor Resolution Width	The width of the monitor (in inches) included in the device if applicable as indicated in the hardware license.
Network Type	Network type(s) available on the device as indicated in the hardware license.
Optical Drive	The optical drive(s) installed in the device as indicated in the hardware license.
Processor Installed Quantity	The quantity of processors installed in the device as indicated in the hardware license.
Processor Maximum Supported	The maximum quantity of processors supported by the device as indicated in the hardware license.
Processor Speed	The clock speed (in GHz) of processor(s) installed in the device as indicated in the hardware license.
Processor Type	The type of processor(s) installed in the device as indicated in the hardware license.
RAM Specification	The specification of RAM that comes with the device as indicated in the hardware license.
RAM Speed	The speed of RAM (in MHz) that comes with the device as indicated in the hardware license.
RAM Technology	The technology of RAM that comes with the device as indicated in the hardware license.
Storage Capacity	The storage capacity that comes with the device as indicated in the hardware license.
Storage Unit	The unit of storage capacity value within the storage capacity column.

Table 69: Hardware License Type

Attribute	Description
Hardware License Type ID	The unique identifier for the hardware license type.
Replacement ID	See "Replacement ID."
License Type	The type of license as indicated in the hardware license.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Hardware Specifications

The Hardware Specifications Content Pack helps improve migration decisions by providing power, space, and other relevant hardware data.

Table 70: Hardware License UPS Characteristics

Attribute	Description
Hardware License UPS ID	The unique identifier for the UPS hardware license.
Input Frequency	The frequency of electrical input of the device as indicated in the hardware license.
Input Voltage	The electrical input voltage of the UPS device as indicated in the hardware license.
Input Voltage Range	The range of electrical input voltage of the UPS device as indicated in the hardware license.
Input Voltage Unit	The unit of the value in the input voltage column.
Outlets	The number of outlets available in the UPS device as mentioned in the hardware license.

Table 70: Hardware License UPS Characteristics

Attribute	Description
Output Voltage	The electrical output voltage of the UPS device as mentioned in the hardware license.
Output Voltage Unit	The unit of the value in the output voltage column.
Power Provided	The amount of power (in Volt-Amps) provided by the UPS device as mentioned in the hardware license.

Table 71: Hardware Model Profile

Attribute	Description
Hardware Model Profile ID	The unique identifier for the hardware model profile.
Bore Size	Bore Size in inches.
Diameter	Diameter in inches.
Hardware Model ID	The unique identifier for the hardware model.
Hardware Product ID	See "Hardware Product ID."
Is Private	See "Is Private."
Manufacturer ID	See "Manufacturer ID."
Max Depth	The maximum depth of the device (in inches).
Max Height	The maximum height of the device (in inches).
Max Weight	The maximum weight of the device (in lbs).
Max Width	The maximum width of the device (in inches).
Min Depth	The minimum depth of the device (in inches).
Min Height	The minimum height of the device (in inches).
Min Room Size	The minimum Room Size (sq. ft.).
Min Weight	The minimum weight of the device (in lbs).
Min Width	The minimum width of the device (in inches).
Model Profile	The profile (or form factor) of the device.
Mounting	The mounting of the device.

Table 71: Hardware Model Profile

Attribute	Description
Private Flag	See "Private Flag."
Private Type	See "Private Type."
Taxonomy ID	See "Taxonomy ID."
Volume	The volume (CC).

Table 72: Hardware Model Power

Attribute	Description
Hardware Model Power ID	The unique identifier for the CAT_HW_MODEL_POWER table.
AC Avg Unit	The unit for AC_POWER_AVG column (watt or volt-amp).
AC Frequency Max	The manufacturer's suggested AC input requirements, i.e. the maximum frequency (whether the voltage switch is turned on low/high or when the device has no voltage switch).
AC Frequency Min	The manufacturer's suggested AC input requirements, i.e. the minimum frequency (whether the voltage switch is turned on low/high or when the device has no voltage switch).
AC Heat Dissipation (Avg)	The average amount of heat per-unit of time generated by the device during typical use when it is hooked up to AC power (in BTU/hr).
AC Phase	The phase of the AC.
AC Power Avg	The average amount of power (energy per-unit of time) consumed by the device during typical use when it is hooked up to AC power (in watt or volt-amp).
AC Power Max	The peak or maximum amount of power (energy per-unit of time) consumed by the device when it is hooked up to AC power (in watt or volt-amp).
AC Heat Dissipation (Max)	The peak or maximum amount of heat per-units of time generated by the device during typical usage when it is hooked up to AC power (in BTU/hr).
AC Max Unit	The unit for the AC_POWER_MAX column (watt or volt-amp).

Table 72: Hardware Model Power

Attribute	Description
AC Input Single/Low Setting Voltage Min (Volt AC)	Manufacturer's suggested AC electrical input requirements: The minimum voltage when the voltage switch is turned on to the low range setting, or when the device has no voltage switch (single voltage range).
AC Input Single/Low Setting Voltage Max (Volt AC)	Manufacturer's suggested AC electrical input requirements: The maximum voltage when the voltage switch is turned on to the low range setting, or when the device has no voltage switch (single voltage range).
AC Input Single/Low Setting Current Min (Amp)	Manufacturer's suggested AC electrical input requirements: The minimum current when the voltage switch is turned on to the low range setting, or when the device has no voltage switch (single voltage range).
AC Input Single/Low Setting Current Max (Amp)	Manufacturer's suggested AC electrical input requirements: The maximum current when the voltage switch is turned on to the low range setting, or when the device has no voltage switch (single voltage range).
AC Input High Setting Voltage Min (Volt AC)	Manufacturer's suggested AC electrical input requirements: The minimum voltage when the voltage switch is turned to on the high range setting'.
AC Input High Setting Voltage Max (Volt AC)	Manufacturer's suggested AC electrical input requirements: The maximum voltage when the voltage switch is turned on to the high range setting.
AC Input High Setting Current Min (Amp)	Manufacturer's suggested AC electrical input requirements: The minimum current when the voltage switch is turned on to the high range setting'.

Table 72: Hardware Model Power

Attribute	Description
AC Input High Setting Current Max (Amp)	Manufacturer's suggested AC electrical input requirements: The maximum current when the voltage switch is turned on the high range setting.
Battery Life	Hours of possible battery life.
Battery Type	Battery Type.
DC Heat Dissipation (Avg)	The average amount of heat per-unit of time generated by the device during typical use when it is hooked up to DC power (in BTU/hr).
DC Heat Dissipation (Max)	The peak or maximum amount of heat per-unit of time generated by the device when it is hooked up to DC power (in BTU/hr).
DC High Current	The manufacturer's suggested DC input requirements, i.e. the current when the voltage switch is turned on the high setting.
DC High Voltage	The manufacturer's suggested DC input requirement, i.e. the voltage when the voltage switch is turned on the high setting.
DC Low Current	The manufacturer's suggested DC input requirements, i.e. the current when the voltage switch is turned on the low setting or when the device has no voltage switch (single voltage).
DC Low Voltage	The manufacturer's suggested DC input requirements, i.e. the voltage when the voltage switch is turned on the low setting or when the device has no voltage switch (single voltage).
DC Power (Avg)	The average amount of power (energy per-unit of time) consumed by the device during typical use when it is hooked up to DC power (in watt or volt-amp).
DC Power (Max)	The peak or maximum amount of power (energy per-unit of time) consumed by the device when it is hooked up to DC power (in watt or volt-amp).
Dedicated Circuit	Listing of the dedicated circuit.
Emergency Power	Listing of the emergency power.

Table 72: Hardware Model Power

Attribute	Description
Energy Star	This is a flag to indicate whether the device has earned the Energy Star certification or not.
EPEAT	This is a flag to indicate which EPEAT certification the device has earned: Gold, Silver, or Bronze.
Hardware Model ID	See "Hardware Model ID."
Is Private	See "Is Private."
Max Non-Operating Humidity	The manufacturer's suggested peak or maximum humidity (percentage) of the device when it is non-operational or in storage.
Max Non-Operating Temperature	The manufacturer's suggested peak or maximum temperature of the device when it is non-operational or in storage (in Fahrenheit).
Max Operating Humidity	The manufacturer's suggested peak or maximum humidity (percentage) of the device during operation.
Max Operating Temperature	The manufacturer's suggested peak or maximum temperature of the device during operation (in Fahrenheit).
Min Non-Operating Humidity	The manufacturer's suggested minimum humidity (percentage) of the device when it is non-operational or in storage.
Min Non-Operating Temperature	The manufacturer's suggested minimum temperature of the device when it is non-operational or in storage (in Fahrenheit).
Min Operating Humidity	The manufacturer's suggested minimum humidity (percentage) of the device during operation.
Min Operating Temperature	The manufacturer's suggested minimum temperature of the device during operation (in Fahrenheit).
Plug Type	Plug Type (NEMA).
Power Rating	The summary of the device's various power ratings: Voltage, Frequency, and Current.
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 73: Connectivity Type Standard

Attribute	Description
Connectivity ID	The unique identifier of the Connectivity table.
Connectivity Type Standard ID	The unique identifier of the Connectivity Type Standard table.
Connectivity Type Standard Version ID	The 'Standard' attribute with the description 'E.g.: IEEE 802.3 etc.'
Replacement ID	See "Replacement ID."
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 74: Hardware Connectivity Standard Version

Attribute	Description
Connectivity Type Standard Version ID	The unique identifier of the Connectivity Type Standard table.
Hardware Model Connectivity Standard Version ID	The 'Standard' Version's unique identifier.
Hardware Model ID	See "Hardware Model ID."
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 75: Hardware Model Extended (for MD Data Only)

Attribute	Description
Hardware Model Extended ID	The unique identifier of the CAT_HW_MODEL_EXTENDED table.
Biomed	Details whether it's Biomed: 'Yes' or 'No.'
Certification	The level of certification regarding compatibility (i.e. 'Citrix ready,' 'Community verified.').
Compressed Air	Details whether it's Compressed Air: 'Yes' or 'No.'
Data Line Required	Details whether it's Data Line Required: 'Yes' or 'No.'
Drain	Details whether it's Drain: 'Yes' or 'No.'
Exhaust	Details whether it's Exhaust: 'Yes' or 'No.'
Hardware Model ID	See "Hardware Model ID."
Phone Line	Details whether it's Phone Line: 'Yes' or 'No.'
Steam	Details whether it's Steam: 'Yes' or 'No.'
Vacuum	Details whether it's Vacuum: 'Yes' or 'No'.
Water	Details whether it's Water: 'Yes' or 'No.'
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 76: Connectivity

Attribute	Description
Connectivity ID	The unique identifier of the Connectivity table.
Replacement ID	See "Replacement ID."
Connectivity	Connectivity information (i.e. Ethernet, Industry Tag, 3rd Party Tag, Export/Import Tag, etc.).
Connectivity Type	The unique identifier of the Connectivity Type Standard table.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."

Table 76: Connectivity

Attribute	Description
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Content Packs Specific to Technopedia IT

The following content packs apply only to Technopedia IT. To see a list of content packs that apply to both Technopedia IT and Technopedia MD, see page 23. To see a list of content packs applicable only to Technopedia MD, see page 79.

IBM PVU Licensing

The IBM PVU Licensing Content Pack helps you get visibility into your IBM license position in order to avoid costly compliance issues.

Table 77: CPU Licensing

Attribute	Description
CPU Licensing ID	The unique identifier for CPU licensing.
CPU Model ID	The unique identifier for the CPU model.
IBM PVU Per Core	The IBM Processor Value Unit (PVU), a measure used to differentiate licensing of software on distributed processor technologies as defined by the Processor Vendor Brand Type and Model Number.
Maximum CPU Sockets	The maximum number of CPU sockets available in the machine.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Virtualization Compatibility

The Virtualization Content Pack helps you eliminate surprises and ensure the success of your VMWare and Citrix migration, virtualization, and consolidation projects.

Table 78: Application Compatibility

Attribute	Description
Compatibility ID	The unique identifier for compatibility.
32-bit Compatibility Status Flag	This flag indicates whether the object is 32-bit compatible.
64-bit Compatibility Status Flag	This flag indicates whether the object is 64-bit compatible.
Application Compatibility ID	The unique identifier for the CAT_APPS_COMPATIBILITY table.
Certification	The level of certification for the compatibility. Values: • Citrix ready • Community verified • Community based • VMware ready
Community	The percentage of community members that vote for 'Compatible' status.
Compatible Application Manufacturer ID	The unique manufacturer identifier for compatible VMware or Citrix.
Compatible Application Product ID	The unique product identifier for compatible VMware or Citrix.
Compatible Application Edition ID	The unique edition identifier for compatible VMware or Citrix.
Compatible Application Version ID	The unique version identifier for compatible VMware or Citrix.
Compatible Application Release ID	The unique release identifier for compatible VMware or Citrix.
Compatibility Status Flag	This flag indicates whether object is compatible (1 = compatible).
Difficulty	The difficulty of work required to make an application compatible.
Manufacturer ID	See "Manufacturer ID."
Official Flag	Indicates whether the compatibility is official (e.g., from VMware official website).
Software Product ID	See "Software Product ID."
Software Edition ID	See "Software Edition ID."
Software Release ID	See "Software Release ID."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 78: Application Compatibility (Continued)

Attribute	Description
Software Version ID	See "Software Version ID."
De-supported Flag	See "De-supported Flag."
Reference	The URL as a reference to the information on the application compatibility.

Table 79: Compatibility Table

Attribute	Description
Compatibility ID	The unique identifier for compatibility.
Compatibility Description	The description of the type of compatibility present.
Compatibility Type	Compatibility types (i.e., Windows 7, Windows 8, Windows 10, etc.).
Software Edition ID	See "Software Edition ID."
Software Product ID	See "Software Product ID."
Software Release ID	See "Software Release ID."
Software Version ID	See "Software Version ID."

Windows 7 Compatibility

The Windows 7 Compatibility Content Pack helps accelerate your Windows migration efforts with comprehensive information about compatibility and required upgrades.

Table 80: Windows 7 Compatibility

Attribute	Description
Compatibility ID	The unique identifier for compatibility.
Compatibility Type	Compatibility types (i.e., Windows 7, Windows 8, Windows 10, etc.).
Component	The component of the software product, if applicable.
Edition	The edition name of the software product.
Family	The brand/family the software product belongs to, if applicable.
Generated date	The date of generation.
Manufacturer	The manufacturer name (as obtained from the official website).
Manufacturer ID	See "Manufacturer ID."
Patch Level	The name of patch level for the software release.
Software	The name of the software product.
Software Edition ID	See "Software Edition ID."
Software Product ID	See "Software Product ID."
Software Release ID	See "Software Release ID."
Software Version Group ID	The unique identifier for the software version group.
Software Version ID	See "Software Version ID."
Subversion	This indicates the stage within the lifecycle of a product version from its initial inception to the final/end form, and beyond.
Version Group	The name of the version group (or market version) of the software product.
Version	The name/number of the software patch.
Windows 7 Compatibility ID	The unique identifier for Windows 7 compatibility.
Windows 7 32-Bit Compatibility Date	The date the software release attained Windows 7 32-bit compatibility.
Windows 7 32-Bit Compatibility Status	A flag to indicate the compatibility status of the software release with regards to Windows 7 32-bit. Values: 0-7.

Table 80: Windows 7 Compatibility (Continued)

Attribute	Description
Windows 7 32-Bit Compatibility Status Description	The labels for the WIN7_32BIT_COMPAT_STATUS column. Values: • 0=Compatible - Windows 7 Logo • 1=Compatible • 2=Free Update Required • 3=Paid Update Required • 4=Future Compatibility • 5=Not Compatible • 6=Information Coming Soon • 7=Other
Windows 7 32-Bit Compatibility Upgrade Path	The upgrade path for the software release to attain Windows 7 32-bit compatibility.
Windows 7 32-Bit Readiness	The 32-bit readiness for Windows 7.
Windows 7 64-Bit Compatibility Date	The date the software release attained Windows 7 64-bit compatibility.
Windows 7 64-Bit Compatibility Status Flag	This indicates the compatibility status of the software release with regard to Windows 7 64-bit.
Windows 7 64-Bit Compatibility Status Description	The labels for the Windows 7 64-bit compatibility status column. Values: • 0=Compatible - Windows 7 Logo • 1=Compatible • 2=Free Update Required • 3=Paid Update Required • 4=Future Compatibility • 5=Not Compatible • 6=Information Coming Soon • 7=Other
Windows 7 64-Bit Compatibility Upgrade Path	The upgrade path for the software release to attain Windows 7 64-bit compatibility.
Windows 7 64-bit Readiness	The 64-bit readiness for Windows 7.

Windows 8 Compatibility

The Windows 8 Compatibility Content Pack helps accelerate your Windows migration efforts with comprehensive information about compatibility and required upgrades.

Table 81: Windows 8 Compatibility

Attribute	Description
Windows 8 Compatibility ID	The unique identifier for Windows 8 compatibility.
Community Compatible	The count of community members who have rated this release as Windows 8 compatible.
Community Not Compatible	The count of community members who have rated this release as NOT Windows 8 compatible.
Compatibility Type	The compatibility type refers to the Compatibility table (i.e., WINDOWS8).
Component	The component of the software product, if applicable.
Family	The brand/family the software product belongs to, if applicable.
Generated Date	The date of generation.
Manufacturer ID	See "Manufacturer ID."
Patch Level	The software patch, update, or service pack level, if applicable.
Private Flag	See "Private Flag."
Private Type	See "Private Type."
Software Product ID	See "Software Product ID."
Software Edition ID	See "Software Edition ID."
Software Release ID	See "Software Release ID."
Software Version Group ID	The unique identifier for the software suite version group.
Software Version ID	See "Software Version ID."
Subversion	This indicates the stage within the lifecycle of a product version from its initial inception to the final/end form, and beyond.
Windows 8 32-Bit Compatibility Status Flag	This indicates the compatibility status of the software release with regard to Windows 8 32-bit.
Windows 8 32-Bit Compatibility Status Description	The labels for the Windows 8 32-bit compatibility status column. Values: • 0=Compatible - Windows 8 Logo • 1=Compatible • 2=Free Update Required • 3=Paid Update Required • 4=Future Compatibility • 5=Not Compatible • 6=Information Coming Soon • 7=Other

Table 81: Windows 8 Compatibility (Continued)

Attribute	Description
Windows 8 32-Bit Compatibility Upgrade Path	The upgrade path for the software release to attain Windows 8 32-bit compatibility.
Windows 8 32-Bit Compatibility Date	The date when the software release attained Windows 8 32-bit compatibility.
Windows 8 32-Bit Readiness	The 32-bit readiness for Windows 8.
Windows 8 64-Bit Compatibility Status Flag	This indicates the compatibility status of the software release with regard to Windows 8 64-bit.
Windows 8 64-Bit Compatibility Status Description	The labels for the Windows 8 64-bit compatibility status column. Values: • 0=Compatible - Windows 8 Logo • 1=Compatible • 2=Free Update Required • 3=Paid Update Required • 4=Future Compatibility • 5=Not Compatible • 6=Information Coming Soon • 7=Other'
Windows 8 64-Bit Compatibility Upgrade Path	The upgrade path for the software release to attain Windows 8 64-bit compatibility.
Windows 8 64-Bit Compatibility Date	The date the software release attained Windows 8 64-bit compatibility.
Windows 8 64-Bit Compatibility Readiness	The 64-bit readiness for Windows 8.
Manufacturer	The Manufacturer name (as obtained from the official website), minus the legal entity.
Software	The name of the software product.
Edition	The Software product's edition name.
Version Group	The name of version group (or market version) of the software product.
Version	The software patch's name/number.
Is Private?	See "Is Private."

Windows 2003-2012 Server Compatibility

The Windows 2003-2012 Server Compatibility Content Pack helps ensure your Windows Server 2003, 2008, 2008R2, and 2012 migration projects run smoothly.

Table 82: Windows Server Compatibility

Attribute	Description
Windows Server Compatibility ID	The unique identifier for Windows server compatibility.
Compatibility ID	The unique identifier for CAT_COMPATIBILITY table.
Compatibility Type	The compatibility type refers to Windows Server 2003-2012.
Manufacturer ID	See "Manufacturer ID."
Software Edition ID	See "Software Edition ID."
Software Product ID	See "Software Product ID."
Software Release ID	See "Software Release ID."
Software Version Group ID	The unique identifier for the software version group.
Software Version ID	See "Software Version ID."
Windows Server 32-Bit Compatibility Status Flag	This indicates the compatibility status of the software release with regard to Windows Server 2003-2012 32-bit.
Windows server 32-Bit Compatibility Status Description	The description of the flag that indicates the compatibility status of the software release with regard to Windows Server 2003-2012 32-bit. Values: • 0=null • 1=Certified for Windows • 2=Designed for Windows • 3=Works with Windows • 4=Supports Windows
Windows Server 64-Bit Compatibility Status Flag	This indicates the compatibility status of the software release with regard to Windows Server 2003-2012 64-bit.
Windows Server 64-Bit Compatibility Status Description	The description of the flag that indicates the compatibility status of the software release with regard to Windows Server 2003-2012 64-bit. Values: • 0=null • 1=Certified for Windows • 2= Designed for Windows • 3=Works with Windows • 4=Supports Windows

Table 82: Windows Server Compatibility (Continued)

Attribute	Description
Reference	The URL/Website address from which the requirements information was obtained.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Windows 10 Compatibility

The Windows 10 Compatibility Content Pack helps accelerate your Windows migration efforts with comprehensive information about compatibility and required upgrades.

Table 83: Windows 10 Compatibility

Attribute	Description
Windows 10 Compatibility ID	The unique identifier for Windows 10 compatibility.
Community Compatible	The count of community members who have rated this release as Windows 10 compatible.
Community Not Compatible	The count of community members who have rated this release as NOT Windows 10 compatible.
Compatibility Type	The compatibility type.
Component	The component of the software product, if applicable.
Edition	The edition name of the software product.
Family	The brand/family the software product belongs to, if applicable.
Generated Date	The date of generation.
Manufacturer	The manufacturer name (as obtained from the official website).
Manufacturer ID	See "Manufacturer ID."
Patch Level	The software patch, update, or service pack level, if applicable.
Software	The name of the software product.
Software Edition ID	See "Software Edition ID."
Software Product ID	See "Software Product ID."
Software Release ID	See "Software Release ID."
Software Version Group ID	The unique identifier for software version group.
Software Version ID	See "Software Version ID."
Subversion	This indicates the stage within the lifecycle of a product version from its initial inception to the final/end form, and beyond.
Version	The name/number of the software patch.
Version Group	The name of version group (or market version) of the software product.

Table 83: Windows 10 Compatibility

Attribute	Description
Windows 10 32-Bit Compatibility Status Flag	This indicates the compatibility status of the software release with regard to Windows 10 32-bit.
Windows 10 32-Bit Compatibility Status Description	The labels for the Windows 10 32-bit compatibility status column. Values: • 0=Compatible - Windows 10 Logo • 1=Compatible • 2=Free Update Required • 3=Paid Update Required • 4=Future Compatibility • 5=Not Compatible • 6=Information Coming Soon • 7=Other
Windows 10 32-Bit Compatibility Upgrade Path	The upgrade path for the software release to attain Windows 10 32-bit compatibility.
Windows 10 32-Bit Compatibility Date	The date when the software release attained Windows 10 32-bit compatibility.
Windows 10 32-Bit Compatibility Readiness	The windows 10 32-bit compatibility readiness.
Windows 10 64-Bit Compatibility Status Flag	This indicates the compatibility status of the software release with regard to Windows 10 64-bit.
Windows 10 64-Bit Compatibility Status Description	The labels for the Windows 10 64-bit compatibility status column. Values: • 0=Compatible - Windows 10 Logo • 1=Compatible • 2=Free Update Required • 3=Paid Update Required • 4=Future Compatibility • 5=Not Compatible • 6=Information Coming Soon • 7=Other'
Windows 10 64-Bit Compatibility Upgrade Path	The upgrade path for the software release to attain Windows 10 64-bit compatibility.
Windows 10 64-Bit Compatibility Date	The date the software release attained Windows 10 64-bit compatibility.
Windows 10 64-Bit readiness	The 64-bit readiness for Windows 10.
Compatibility ID	The ID that refers to the CAT_COMPATIBILITY table.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 84: Operating System (OS) Requirements

Attribute	Description
Operating System Requirements ID	The unique identifier for the operating system requirements.
Bit Mode	The computer architecture on which the operating system is installed. Values: • 32-bit • 64-bit • 32/64-bit
CPU Speed	The CPU clock speed (in MHz), as specified in the requirements.
Graphics Card	The graphic card option(s), as specified in the requirements.
Graphics Card Driver	The graphics card driver option(s), as specified in the requirements.
Hard Disk Drive Free Space	The amount of available hard disk space (in MB), as specified in the requirements.
Manufacturer ID	See "Private Type."
Monitor Length	The length of the monitor (in inches), as specified in the requirements.
Monitor Width	The width of the monitor (in inches), as specified in the requirements.
Operating System Type	The typical installation of the operating system: Values: • Server • Client • Server/Client
Optical Drive	The type of optical drive, as specified by the requirements. Values: • CD-ROM • DVD-ROM • Other
Physical RAM limit	The amount of maximum physical memory/RAM (in MB) that can be recognized by the operating system.
RAM	The amount of memory/RAM (in MB), as specified in the requirements.

Table 84: Operating System (OS) Requirements

Attribute	Description
Requirement Type	The type of requirements for the operating system installation. Values: • Minimum • Recommended • Optional • Maximum • Other
Requirement Type (Other)	Explanation of 'Other' type or requirements (from the requirements type column).
Software Edition ID	See "Software Edition ID."
Software Product ID	See "Software Product ID."
Software Release ID	See "Software Release ID."
Req. Source	The source where the requirements information is obtained from 'Values: OS Vendor, Other Vendor.'
Source (Other)	The 'Other Vendor' from which the requirements information is obtained (from the Req. Source column).
Notes	The URL/website address from which the requirements information was obtained.
Reference	Notes and any additional information related to the requirements.

DejaCode Open Source

The DejaCode Open Source Content Pack helps you avoid compliance issues by gaining clarity about your OSS deployments and exposure to the wide variety of license types.

Table 85: DejaCode Open Source

Attribute	Description
DejaCode Open Source ID	The unique identifier for DejaCode open source software.
Manufacturer ID	See "Manufacturer ID."
Name	The field in DejaCode that refers to public name of the component.
Owner	The field in DejaCode that refers to the company open source project or individual author of the component.
Software Edition ID	See "Software Edition ID."
Software Product ID	See "Software Product ID."
Software Release ID	See "Software Release ID."
Software Version ID	See "Software Version ID."
Software Version group ID	The unique identifier for the software version group.
Taxonomy ID	See "Taxonomy ID."
Universal Resource Name (URN)	The Universal Resource Name is a human readable ID assigned to a component in DejaCode.
Unique ID	A stable and globally unique ID assigned to a component in DejaCode.
Version	A field in DejaCode that refers to the version of the component.
Primary UUID	The row with the primary/major version amongst multiple rows of sub-versions.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 86: DejaCode Open Source License

Attribute	Description
DejaCode Open Source License ID	The unique identifier for DejaCode open source software license.
DejaCode Open Source ID	The unique identifier for DejaCode open source software.
License Category	The field in DejaCode that provides a major grouping for licenses describing the relationship between the licensor and licensee.
License Short Name	The field in DejaCode that refers to the short name of the licenses that apply to the component.
License Type	The field in DejaCode that identifies the high-level nature of a license category (i.e., Open Source or Proprietary).
Is Primary	The field in DejaCode that indicates whether a named license assigned to a component is the primary named license for that component.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 87: DejaCode Open Source Keywords

Attribute	Description
DejaCode Open Source Keywords ID	The unique identifier for DejaCode open source software keywords.
DejaCode Open Source Software ID	The unique identifier for DejaCode open source software.
Keyword	A field in DejaCode that provides general software categories.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

InfoSec

The InfoSec (Information Security) Content Pack easily translates between Technopedia and CPE/CVE standards for feeding your IT GRC (Governance, Risk Management, and Compliance) and security tools.

Table 88: CPE URI

Attribute	Description
CPE URI ID	The unique identifier for the CPE URI.
CPE Hardware ID	The unique identifier for the CPE hardware.
CPE Software ID	The unique identifier for CPE software.
CPE URI	The generic syntax for Uniform Resource Identifiers (URI) for Common Platform Enumeration (CPE). This includes a formal name format, a method for checking names against a system, and a description format for binding.
CVE count	The count of Common Vulnerabilities and Exposures (CVE) entries that are associated with or affecting this CPE. It refers to any of the following columns: name name6 or ns2:product in CVE feeds (which is published by the U.S. National Institute for Standards and Technology - NIST).
CVSS Score Maximum	The maximum Common Vulnerability Scoring System (CVSS) value amongst all CVE entries that are associated with this CPE.
CVSS Severity Maximum	The maximum Common Vulnerability Scoring System (CVSS) Severity amongst all CVE entries that are associated with this CPE.
Definition	The title or name of the software operating system or hardware product for which the CPE URI is assigned. This refers to 'ns1:title' column in CPE Dictionary (which is published by the U.S. National Institute for Standards and Technology - NIST).
Hardware Model ID	See "Hardware Model ID."
Hardware Model Profile ID	See "Hardware Model Profile ID."
Hardware Product ID	See "Hardware Product ID."
Manufacturer ID	See "Manufacturer ID."
Software Edition ID	See "Software Edition ID."
Software product ID	See "Software Product ID."
Software release ID	See "Software Release ID."
Software Version ID	See "Software Version ID."
Software Version Group ID	The unique identifier for the software version group.
Taxonomy ID	See "Taxonomy ID."

Table 88: CPE URI (Continued)

Attribute	Description
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 89: CPE Software

Attribute	Description
CPE Software ID	The unique identifier for CPE software.
CPE	The prefix (URI schema name) for the CPE.
Edition	Edition component of CPE URI.
Manufacturer ID	See "Manufacturer ID."
Part	The component of the CPE URI. Values: • s = software • o = operating systems • h = hardware
Product	The product component of the CPE URI.
Software Edition ID	See "Software Edition ID."
Software Product ID	See "Software Product ID."
Software Release ID	See "Software Release ID."
Software Version ID	See "Software Version ID."
Vendor	The vendor component of the CPE URI.
De-Supported Flag	See "De-supported Flag."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 90: CPE Hardware

Attribute	Description
CPE Hardware ID	The unique identifier for CPE Hardware.
CPE	The prefix (URI schema name) for CPE.
Edition	The edition component of the CPE URI.
Hardware Model ID	See "Hardware Model ID."
Hardware Model Profile ID	See "Hardware Model Profile ID."

Table 90: CPE Hardware

Attribute	Description
Hardware Product ID	See "Hardware Product ID."
Manufacturer ID	See "Manufacturer ID."
Part	The component of the CPE URI. Values: • s = software • o = operating systems • h = hardware
Product	The product component of the CPE URI.
Vendor	The vendor component of the CPE URI.
De-supported Flag	See "De-supported Flag."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 91: CVE

Attribute	Description
CVE ID	The unique identifier for the CVE.
CVEID	The actual identifier for Common Vulnerabilities and Exposures (CVE), which is a unique common identifier (ID) for publicly-known information-security vulnerabilities in publicly-released software packages. The ID follows the format: CVE prefix + Year + Arbitrary Digits.
CVE Published Date	The date that the CVE entry was last modified in the NVD. This refers to 'ns2:last-modified-datetime' column in CPE Dictionary, which is published by the U.S. National Institute for Standards and Technology (NIST).
CVSS Score	The common Vulnerability Scoring System (CVSS) is an open framework for communicating the characteristics and impacts of IT vulnerabilities, which is adopted in the National Vulnerability Database (NVD).
CVSS Severity	The order of severity based on CVSS score: • High (CVSS score of 7.0 - 10.0) • Medium (CVSS score of 4.0 - 6.9) • Low (CVSS score of 0.0 - 3.9)

Table 91: CVE (Continued)

Attribute	Description
National Vulnerability Database (NVD) Published Date	The date the CVE entry was first published in the NVD. This refers to 'ns2:published-datetime' column in CPE Dictionary, which is published by the U.S. National Institute for Standards and Technology (NIST).
Summary	The summary of the issue/vulnerability impact described on the CVE.
Reject Flag	The reject flag figure from the summary column.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 92: CPE/CVE Relationship

Attribute	Description
CPE CVE ID	The unique identifier for the CPE/CVE relationship.
CPE URI ID	The unique identifier for the CPE URI.
CVE ID	The unique identifier for the CVE.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Content Packs Specific to Technopedia MD

The following content packs are applicable only to Technopedia MD. To see a list of content packs applicable to both Technopedia MD and Technopedia IT, see page 23. To see a list of content packs applicable only to Technopedia IT, see page 62.

Federal Drug Administration (FDA)

The Federal Drug Administration (FDA) Content Pack ensures that all patient data is secured along with identification of devices containing ePHI data.

Table 93: FDA

Attribute	Description
FDA ID	The unique identifier for the CAT_FDA table.
Replacement ID	See "Replacement ID."
FDA Product Class	The FDA Product Class i.e., 1, 2, Not Classified etc.
FDA Product Code	The FDA Product Code i.e., HQR, DGO etc.
FDA Product Code Name	The Product Code Name i.e., Ige, Peroxidase, Antigen, Antiserum, Control etc.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 94: Hardware Model FDA

Attribute	Description
Hardware Model FDA ID	The unique identifier for the FDA hardware model.
Replacement ID	See "Replacement ID."
FDA Approved Date	The FDA's date of approval.
FDA Level	The FDA records priority order by model.
FDA ID	The unique identifier for the CAT_FDA table.
Hardware Model ID	See "Hardware Model ID."
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 95: Manufacturer Recall

Attribute	Description
Manufacturer Recall ID	The unique identifier for the manufacturer recall.
Manufacturer Recall Initiated Date	The date on which the manufacturer recall was issued.
Manufacturer Recall URL	The URL for the manufacturer recall.
Manufacturer Reason for Recall	The reason(s) why the manufacturer issues a specific recall.
Replacement ID	See "Replacement ID."
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 96: Hardware Manufacturer Model Recall

Attribute	Description
Model ID	The unique identifier for the hardware model.
Hardware Manufacturer Model Recall ID	The unique identifier of the Hardware Manufacturer Model Recall Table.
Manufacturer Recall ID	The unique identifier of the Manufacturer Recall Table.

Table 97: FDA Recall

Attribute	Description
FDA Recall ID	The unique identifier for CAT_FDA_RECALL table.
FDA Recall Class	The recall class of the FDA.
FDA Recall Event ID	The unique identifier for the FDA Recall Event.
FDA Recall Number	The FDA's recall number.
FDA Recall Posted Date	The date when the FDA recall was posted.
FDA Recall URL	The FDA's recall URL.
Manufacturer Recall ID	The unique identifier for CAT_MFR_RECALL_ID table.
Reason for Recall	The reason for the recall.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 98: Manufacturer Recall Code Information Type

Attribute	Description
Manufacturer Recall Code Information Type ID	The unique identifier of CAT_MFR_RECALL_CODEINFOTYPE table.
Replacement ID	See "Replacement ID."
Info Type	The recall code info type i.e., Lot Number, Catalog Number, Serial Number.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 99: Manufacturer Recall Code Information

Attribute	Description
Manufacturer Recall Code Info Group	The informational grouping for the manufacturer's recall code.
Manufacturer Recall Code Info Max	The code maximum range.
Manufacturer Recall Code Info Min	The code minimum range.
Delete Reason	See "Delete Reason."
Replacement ID	See "Replacement ID."
Manufacturer Recall Code Information Type ID	The unique identifier of the CAT_MFR_RECALL_CODEINFOTYPE table.
Manufacturer Recall Code Information ID	The unique identifier of the CAT_MFR_RECALL_CODE_INFO table.
Manufacturer Recall ID	The unique identifier of the CAT_MFR_RECALL table.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Global Medical Device Nomenclature (GMDN)

The Global Medical Device Nomenclature (GMDN) Content Pack ensures that a common taxonomy is established for medical devices along with internationally agreed upon descriptors that are used when identifying medical devices.

Table 100: GMDN

Attribute	Description
GMDN ID	The unique identifier for global medical device nomenclature.
GMDN Code	The global medical device nomenclature code.
GMDN Definition	The global medical device nomenclature definition.
GMDN Preferred Term	The global medical device nomenclature preferred term.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 101: Hardware Model GMDN

Attribute	Description
Hardware Model GMDN ID	The unique identifier for the hardware model GMDN.
Hardware Model ID	See "Hardware Model ID."
GMDN ID	The unique identifier for global medical device nomenclature.
GMDN Level	The model by which GMDN records priority order.
Replacement ID	See "Replacement ID."
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Universal Medical Device Nomenclature System (UMDNS)

The Universal Medical Device Nomenclature System (UMDNS) Content Pack ensures the usage of established standard international nomenclature and computer coding systems that identify, process, retrieve, transfer, and communicate data regarding medical devices.

Table 102: UMDNS

Attribute	Description
UMDNS ID	The unique identifier for UMDNS.
Definition	The manufacturer definition of the value in the program column.
Replacement ID	See "Replacement ID."
Device Code	The device code.
Device Name	The device name.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 103: Hardware Model UMDNS

Attribute	Description
UMDNS ID	The unique identifier for UMDNS.
Replacement ID	See "Replacement ID."
Hardware Model ID	See "Hardware Model ID."
Hardware Model UMDNS ID	The unique identifier for hardware model UMDNS.
UMDNS Level	The UMDNS records priority order.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."

Table 103: Hardware Model UMDNS

Attribute	Description
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Unique Device Identification Database (UDID)

The Unique Device Identification Database UDID Content Pack gains visibility via the ability to identify medical devices through their distribution and use.

Table 104: UDID

Attribute	Description
GUDID	The unique identifier for Global Unique Device Identification Database.
Brand Name	The name of the brand.
Catalog Number	The number of the catalog.
Commercial Distribute End Date	The end date of the commercial distribution.
Commercial Distribute Status	The status of the commercial distribution.
Company Name	The name of the company.
Contains DI Number	This contains the DI Number.
Device Combination Product	This is the product combination.
Device Count	The device count.
Device Description	The device description.
Device HCTP	The Human Cell Tissue or Cellular or Tissue-Based Product (HCT/P).
Device Kit	The device kit.
Device Packaged as Sterile	The Sterile Device.
Device Record Status	The device record status.
Device Type	The device type.
DI Record Publish Date	The DI record publish date.
DME Exempt	The device subject to Direct Marking (DM), but also exempt.
Donation ID Number	The donation identification number.
EMAIL	The manufacturer's email address.
Expiration Date	The date of expiration.
GUDID URL	The GUDID URL.
Issuing Agency	The issuing agency.
Labeled Contains No-NRL	The device labeled not made with natural rubber latex.
Labeled Contains NRL	The device required to be labeled as containing natural rubber latex or dry natural rubber (21 CFR 801.437).
Log Batch	The lot or batch number.
Manufacturer Date	The manufacturing date.

Table 104: UDID

Attribute	Description
OTC	Over the Counter (OTC).
Package DI Number	The Package DI Number.
Phone	A manufacturer's phone number.
Pre-Market Exempt	Defines whether something is Pre-Market Exempt or not.
Prescription Use (Rx)	Defines whether something is the Prescription Use (Rx) or not.
Primary DI Number	This contains the Primary DI Number.
Quantity Per Package	The quantity per package.
Requires Sterilization Prior to Use	This requires sterilization prior to use.
Serial Number	The serial number.
Single Use	For Single-Use.
Sterilization Method	The sterilization method.
Unit Of Use DI Number	The unit of use DI Number.
Version or Model	The version or model.
MRI Safety Status	What MRI safety information the labeling contains.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 105: Hardware Model GUDID

Attribute	Description
GUDID ID	The unique identifier for the GUDID.
Hardware Model GUDID ID	The unique identifier for the GUDID hardware model.
Hardware Model ID	See "Hardware Model ID."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Manufacturer Disclosure Statement for Medical Device Security (MDS2)

The Manufacturer Disclosure Statement for Medical Device Security (MDS2) Content Pack ensures that patient data is secured via the identification of devices containing ePHI data.

Table 106: MDS2

Attribute	Description
MDS2 ID	The unique identifier for CAT_MDS2 table.
Automatic Logoff - Inactivity Length Configurable	Automatic Logoff - Inactivity Length Configurable, 'No', 'Yes', 'N/A', 'See notes'.
Automatic Logoff - Inactivity Lock	Automatic Logoff - Inactivity Lock, 'No', 'Yes', 'N/A', 'See notes'.
Automatic Logoff - Manual Lock	Automatic Logoff - Manual Lock, 'No', 'Yes', 'N/A', 'See notes'.
Audit Control - Audit Trail	Audit Control - Audit Trail, 'No', 'Yes', 'N/A', 'See notes'.
Audit Control Identifier - Date/Time	Audit Control Identifier - Date/Time, 'No', 'Yes', 'N/A', 'See notes'.
Audit Control Identifier - User ID	Audit Control Identifier - User ID, 'No', 'Yes', 'N/A', 'See notes'.
Audit Control Type - Data Changes	Audit Control Type - Data Changes, 'No', 'Yes', 'N/A', 'See notes'.
Audit Control Type - Data Display	Audit Control Type - Data Display, 'No', 'Yes', 'N/A', 'See notes'.
Audit Control Type - Data Import/Export	Audit Control Type - Data Import/Export, 'No', 'Yes', 'N/A', 'See notes'.
Audit Control Type - Data Transmission	Audit Control Type - Data Transmission, 'No', 'Yes', 'N/A', 'See notes'.
Audit Control Type - Login/Logout	Audit Control Type - Login/Logout, 'No', 'Yes', 'N/A', 'See notes'.
Audit Control Type - Other	Audit Control Type - Other, 'No', 'Yes', 'N/A', 'See notes'.
Audit Control Type - Remote Activity	Audit Control Type - Remote Activity, 'No', 'Yes', 'N/A', 'See notes'.
Authorization - Admin Privilege	Authorization - Admin Privile.ge, 'No', 'Yes', 'N/A', 'See notes'.
Authorization - Role-Based Privileges	Authorization - Role-Based Privileges, 'No', 'Yes', 'N/A', 'See notes'.
Authorization - Unauthorized User Prevention	Authorization - Unauthorized User Prevention, 'No', 'Yes', 'N/A', 'See notes'.
Security Configuration - Configurable	Security Configuration - Configurable, 'No', 'Yes', 'N/A', 'See notes'.
MDS2 Company Name	Company Name.

Table 106: MDS2

Attribute	Description
Product Upgrades - OS and Security Patches	Product Upgrades - OS and Security Patches, 'No', 'Yes', 'N/A', 'See notes'.
Product Upgrades - Remote Patches	Product Upgrades - Remote Patches, 'No', 'Yes', 'N/A', 'See notes'.
Data De-Identify Capability	Data De-Identify Capability, 'No', 'Yes', 'N/A', 'See notes'.
Data Backup Capability	Data backup Capability, 'No', 'Yes', 'N/A', 'See notes'.
Emergency Access Feature	Emergency Access Feature, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Maintenance - Import/Export	Private Data Maintenance - Import/Export, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Maintenance - Persistent Local Media	Private Data Maintenance - Persistent Local Media, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Maintenance - Power Interruption	Private Data Maintenance - Power Interruption, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Maintenance - Temporary memory	Private Data Maintenance - Temporary memory, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Management	Private Data Management, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Transmission - Cable	Private Data Transmission - Cable, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Transmission - Display	Private Data Transmission - Display, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Transmission - Hardcopy	Private Data Transmission - Hardcopy, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Transmission - Removable Media	Private Data Transmission - Removable Media, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Transmission - Scanning	Private Data Transmission - Scanning, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Transmission - Wired Network	Private Data Transmission - Wired Network, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Transmission - Wireless Network	Private Data Transmission - Wireless Network, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Type - Biometric Data	Private Data Type - Biometric Data, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Type - Demographic	Private Data Type - Demographic, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Type - Diagnostic/therapeutic	Private Type - Diagnostic/therapeutic, 'No', 'Yes', 'N/A', 'See notes'.

Table 106: MDS2

Attribute	Description
Private Data Type - Medical Record	Private Type - Medical Record, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Type - Personal Financial	Private Data Type - Personal Financial, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Type - User-entered Text	Private Data Type - User-entered Text, 'No', 'Yes', 'N/A', 'See notes'.
Data Integrity - Error Detection/Correction Technology	Data Integrity - Error Detection/Correction , 'No', 'Yes', 'N/A', 'See notes'.
MDS2 Device Intended Use	Explains the intended use of the device.
Malware Protection - Manufacturer-Authorized Repair Only	Malware Protection - Manufacturer-Authorized Repair Only, 'No', 'Yes', 'N/A', 'See notes'.
Malware Protection - Owner Virus Definition Update	Malware Protection - Owner Virus Definition Update, 'No', 'Yes', 'N/A', 'See notes'.
Malware Protection - Owner Install/Update	Malware Protection - Owner Install/Update, 'No', 'Yes', 'N/A', 'See notes'.
MDS2 Document Date	Details whether it's MDS2 Document Date, 'No', 'Yes', 'N/A', 'See notes'.
MDS2 Document ID	The unique identifier for the MDS2 Document.
MDS2 Doc (.pdf, .xls)	MDS2 Document URL, 'No', 'Yes', 'N/A', 'See notes'.
MDS2 Manufacturer Contact	Manufacturer Contact Information.
Malware Protection Support	Malware Protection Support, 'No', 'Yes', 'N/A', 'See notes'.
Malware Protection - Notification	Malware Protection - Notification, 'No', 'Yes', 'N/A', 'See notes'.
Malware Protection - User Configurable	Malware Protection - User Configurable, 'No', 'Yes', 'N/A', 'See notes'.
Node Authentication Support	Node Authentication Support, 'No', 'Yes', 'N/A', 'See notes'.
MDS2 NEMA Version	Explains the version of the NEMA for MDS2.
Notes Available	MDS2 Notes Available, 'No', 'Yes', 'N/A', 'See notes'.
Accept or Initiate Remote Access	Accept or Initiate Remote Access, 'No', 'Yes', 'N/A', 'See notes'.
Remote Access Restrictions	Remote Access Restrictions, 'No', 'Yes', 'N/A', 'See notes'.
Remote Service	Remote Service, 'No', 'Yes', 'N/A', 'See notes'.

Table 106: MDS2

Attribute	Description
Person Authentication - Change Default Password	Person Authentication - Change Default Password, 'No', 'Yes', 'N/A', 'See notes'.
Person Authentication - External Authentication Service	Person Authentication - External Authentication Service, 'No', 'Yes', 'N/A', 'See notes'.
Person Authentication - Multi User	Person Authentication - Multi User, 'No', 'Yes', 'N/A', 'See notes'.
Person Authentication - Password Complexity Rules	Person Authentication - Password Complexity Rules, 'No', 'Yes', 'N/A', 'See notes'.
Person Authentication - Password Expiration	Person Authentication - Password Expiration, 'No', 'Yes', 'N/A', 'See notes'.
Person Authentication - Shared User ID	Person Authentication - Shared User ID, 'No', 'Yes', 'N/A', 'See notes'.
Person Authentication - Single User	Person Authentication - Single User, 'No', 'Yes', 'N/A', 'See notes'.
Person Authentication - Unsuccessful Logon Attempts Lock	Person Authentication - Unsuccessful Logon Attempts Lock, 'No', 'Yes', 'N/A', 'See notes'.
Whole Device Physical Locks	Whole Device Physical Locks, 'No', 'Yes', 'N/A', 'See notes'.
Third-Party Support in Roadmap - List is Provided	Third-Party Support in Roadmap - List is Provided, 'No', 'Yes', 'N/A', 'See notes'.
Third-Party Support in Roadmap - Operating Systems	Third-Party Support in Roadmap - Operating Systems, 'No', 'Yes', 'N/A', 'See notes'.
MDS2 Representative	Representative Name/Position.
Non-required Accounts Disabled	Non-required Accounts Disabled, 'No', 'Yes', 'N/A', 'See notes'.
Selective Disablement of Applications	Selective Disablement of Applications, 'No', 'Yes', 'N/A', 'See notes'.
Boot from Removable Media	Boot from Removable Media, 'No', 'Yes', 'N/A', 'See notes'.
External Communication Capability	External Communication Capability, 'No', 'Yes', 'N/A', 'See notes'.
File-Level Access Control Capability	File-Level Access Control Capability, 'No', 'Yes', 'N/A', 'See notes'.
Hardening Measure - Employed, Conformance Level	Hardening Measure - Employed, Conformance Level, 'No', 'Yes', 'N/A', 'See notes'.
Install Non-Manufacturer Authorized Software/Hardware	Install Non-Manufacturer Authorized Software/Hardware, 'No', 'Yes', 'N/A', 'See notes'.

Table 106: MDS2

Attribute	Description
Hardening Measure - Manufacturer-Authorized Program/Update	Hardening Measure - Manufacturer-Authorized Program/Update, 'No', 'Yes', 'N/A', 'See notes'.
Selective Disablement of Communication Ports	Selective Disablement of Communication Ports, 'No', 'Yes', 'N/A', 'See notes'.
Selective Disablement of Services	Selective Disablement of Services, 'No', 'Yes', 'N/A', 'See notes'.
Selective Disablement of Shared Resources	Selective Disablement of Shared Resources, 'No', 'Yes', 'N/A', 'See notes'.
Device/Media Sanitization Instructions	Device/Media Sanitization Instructions, 'No', 'Yes', 'N/A', 'See notes'.
Security Features Documented	Security Features Documented, 'No', 'Yes', 'N/A', 'See notes'.
Device Encrypt Data At Rest	Device Encrypt Data At Rest, 'No', 'Yes', 'N/A', 'See notes'.
Transmission Confidentiality - Dedicated Cable Data Transmission Only	Transmission Confidentiality - Dedicated Cable Data Transmission Only, 'No', 'Yes', 'N/A', 'See notes'.
Transmission Confidentiality - Encrypted Data Transmission	Transmission Confidentiality - Encrypted Data Transmission, 'No', 'Yes', 'N/A', 'See notes'.
Transmission Confidentiality - Fixed List Transmission Destinations	Transmission Confidentiality - Fixed List Transmission Destinations, 'No', 'Yes', 'N/A', 'See notes'.
Transmission Integrity Support	Transmission Integrity Support, 'No', 'Yes', 'N/A', 'See notes'.
Private Data Transmission - Other	Private Data Transmission - Other, 'No', 'Yes', 'N/A', 'See notes'.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 107: MDS2 Hardware Model

Attribute	Description
Hardware Model ID	See "Hardware Model ID."
Replacement ID	See "Replacement ID."
Hardware Model MDS2 ID	The unique identifier for CAT_HW_MODEL_MDS2 table.
MDS2 ID	The unique identifier for MDS2.

Table 107: MDS2 Hardware Model (Continued)

Attribute	Description
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 108: MDS2 Software Release

Attribute	Description
MDS2 ID	The unique identifier of CAT_MDS2 table.
MDS2 Software Release ID	The unique identifier of CAT_MDS2_SW_RELEASE table.
Software Edition ID	See "Software Edition ID."
Software Product ID	See "Software Product ID."
Software Release ID	See "Software Release ID."
Software Version ID	See "Software Version ID."
Software Version Group ID	The unique identifier of CAT_SW_VERSION_GROUP table.
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."

Table 109: UUID

Attribute	Description
UUID ID	The unique identifier for the UUID.
Replacement ID	See "Replacement ID."
Table Name	The name of the table where the value resides.
Column Name	The name of the column in TABLE_NAME where the value resides.
Create Date	See "Create Date."
Last Modified Date	See "Last Modified Date."

Table 109: UUID

Attribute	Description
To Be Deleted	See "To Be Deleted."
To Be Deleted On	See "To Be Deleted On."
Delete Reason	See "Delete Reason."
Is Private?	See "Is Private."
Private Flag	See "Private Flag."
Private Type	See "Private Type."
Parent Table Name	The name of the table where the value originates (applies when the value is shared between multiple tables).
Parent Column Name	The name of the column in PARENT_TABLE_NAME where the value originates (applies when the value is shared between multiple tables).
Parent UUID ID	Unique identifier of the PARENT_TABLE_NAME (it will be the same as the CAT_UUID when the value is shared between multiple tables).