

# **Unified Security Exposure Management (USEM) - ServiceNowSubscription Unit Overview**

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## Unified Security Exposure Management

### 1. Managed Resource Types

“AI assets” refers to AI models, AI systems, and datasets that are represented in the following tables, are managed by the AI Control Tower application, and have a ServiceNow reference ID:

- “Container Image” serves as a blueprint or snapshot, acting as a template for creating containers. It is ingested during a vulnerability scan and represented as a Configuration Item (CI) in `cmdb_ci_docker_image`.
- “Application” is a piece of software identified through vulnerability scanning or manual penetration testing or SBOM uploads represented in the Discovered Application table (`sn_vul_app_release`)
- “API” are any application programming interfaces ("APIs") represented as a configuration ("CI") in a CMDB table (listed below) and managed for API vulnerabilities. (`cmdb_ci_api`)

Resource Type	CMDB Class	Table Name
APIs	API	<code>cmdb_ci_api</code>
Applications	Application	<code>cmdb_ci_appl</code>
	Product Model	<code>cmdb_model</code>
Container Images	OS-level Virtualization Image	<code>cmdb_ci_oslv_image</code>
Server	Server	<code>cmdb_ci_server</code>
	Virtual Machine Instance	<code>cmdb_ci_vm_instance</code>
	Cisco UCS Blade	<code>cmdb_ci_ucs_blade</code>
	Cisco UCS Rack Mount Unit	<code>cmdb_ci_ucs_rack_unit</code>
PaaS Resource	Mainframe Hardware	<code>cmdb_ci_mainframe_hardware</code>
	Cloud Messaging Service	<code>cmdb_ci_cloud_messaging_service</code>
	Cloud Directory	<code>cmdb_ci_cloud_directory</code>
	Cloud WebServer	<code>cmdb_ci_cloud_webserver</code>
	DynamoDB Table	<code>cmdb_ci_dynamodb_table</code>
	Cloud DataBase	<code>cmdb_ci_cloud_database</code>
	Cloud App Server	<code>cmdb_ci_cloud_appserver</code>

	Cloud Gateway	cmdb_ci_cloud_gateway
Database	Database Instance	cmdb_ci_db_instance
End User Computing	Computer	cmdb_ci_computer
	Personal Computer	cmdb_ci_pc_hardware
Services	Service	cmdb_ci_service
FaaS Resource	Cloud Directory	cmdb_ci_cloud_directory
Others	Custom CI tables / other cmdb tables	(various)
Unresolved Scanned	Unclassed Hardware	cmdb_ci_unclassified_hardware
	Incomplete IP Identified Device	cmdb_ci_incomplete_ip
	Unmatched CI	sn_sec_cmn_unmatched_ci
	Cloud Resource	cmdb_ci_cmp_resource
Networking Device	Network Gear	cmdb_ci_netgear
	Network Infrastructure Item	dscy_net_base
Networking Advanced	Site	cmdb_ci_site
	Network Interface	cmdb_ci_ni_interface
	Equipment Holder	cmdb_ci_equipment_holder
	Physical Connection	cmdb_ci_ni_physical_link
	Logical Connection	cmdb_ci_ni_logical_path
IoT	Converged Infrastructure	cmdb_ci_converged_infra
	IoT Device	cmdb_ci_iot

## 2. Subscription Unit Defined Ratios

Each Resource Type defined in Section 1.2 will be counted towards a Subscription Unit based on a predefined ratio of Subscription Unit to Resource Type per the table below:

Resource Type	Subscription Unit : (Subscription Unit : Resource Type)
1 APIs	<b>1 Subscription Unit (1:1)</b>
1 Applications	<b>1 Subscription Unit (1:1)</b>
1 Container Images	<b>1 Subscription Unit (1:1)</b>
1 Server	<b>1 Subscription Unit (1:1)</b>
3 PaaS Resource	<b>1 Subscription Unit (1:1)</b>
4 Database	<b>1 Subscription Unit (1:1)</b>
4 End User Computing Devices	<b>1 Subscription Unit (1:1)</b>
4 Services	<b>1 Subscription Unit (1:1)</b>
20 FaaS Resource	<b>1 Subscription Unit (1:1)</b>
20 Others	<b>1 Subscription Unit (1:1)</b>
20 Unresolved Scanned Devices	<b>1 Subscription Unit (1:1)</b>
25 Networking Device	<b>1 Subscription Unit (1:1)</b>
25 Networking Device Advanced	<b>1 Subscription Unit (1:1)</b>
40 IoT	<b>1 Subscription Unit (1:1)</b>

“**AI Asset**” includes AI model, AI system, dataset and deployed AI system all of which present the same subscription unit value. For example, if there is 1 record each in AI model, AI system, dataset and deployed AI system table, it will consume 4 Subscription Units.