



SCC 3.x.x

Licenses and Features

Version 1.1

January 2025

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Licenses and Features Mapping

This section provides information on the license and the SCC features mapping. As an administrator, you can utilize the SCC Basic Features set for server related management. The SCC-Advanced Features set offers more management capability, such as fabric device management, storage device management, PDU management and CDU management, etc.

The new SCC license model is introduced in SCC. The magic number, which is the percentage of Supermicro’s server nodes that have SDDC license out of the total number of SCC monitored host, which all has DCMS license. The magic number is 50%. The magic number controls the SCC-Advanced feature to set enable or disable.

If a user only has SFT-DCMS-SINGLE license, user still can install SCC software and use the SCC Basic features which is for performing server management.

N/A: Not Available ●: Support

SL. No	Features	SCC Basic Features SFT-DCMS-SINGLE	SCC Advanced Features SFT-DCMS-SINGLE + SFT-SDDC-SINGLE
DASHBOARD			
1	Common Dashboard Features, POD Health, System performance/Thermal/Power, Events	●	●
PODVIEW			
1	POD Rack Management & Monitoring	●	●
2	Rack Configuration	●	●
3	Device Discovery Drag & Drop functionality	●	●
4	Device Discovery	●	●
5	Rack Slot Unit/Drawer Registration	●	●
6	Manually Add Device	●	●
7	Workstation Management & Monitoring	●	●
MONITORING DETAIL			

SL. No	Features	SCC Basic Features	SCC Advanced Features
		SFT-DCMS-SINGLE	SFT-DCMS-SINGLE + SFT-SDDC-SINGLE
1	Monitoring Detail - Pod, Group, Rack, Drawer, Compute	•	•
2	Export Analytics Data - Pod/Appliance Level	•	•
PERFORMANCE METRICS			
1	GPU Metrics - Nvidia/AMD GPU Card In-band Data	•	•
2	Storage Metrics - WekaIO Cluster In-Band Data	•	•
3	Customizable Widget	•	•
COMPUTE			
1	Physical Assets Collateral Inventory Management, Processor/Memory/Storage/NIC/GPU	•	•
2	DMI & FRU Management - Edit Mode	•	•
3	Compute System Management - iKVM	•	•
4	UID Management	•	•
5	Compute System Management - BMC website	•	•
6	Compute Power Management	•	•
7	Compute Deep Discovery	•	•
8	Tag Management	•	•
9	Compute List - Redfish Detail	•	•
10	Compute System Management - Update BMC & BIOS firmware	•	•
11	Targeted OS Deployment	•	•

SL. No	Features	SCC Basic Features	SCC Advanced Features
		SFT-DCMS-SINGLE	SFT-DCMS-SINGLE + SFT-SDDC-SINGLE
12	Local User Management	•	•
13	Multi-Node Chassis Management	•	•
14	Blade Management	•	•
15	Workstation Management	•	•
16	KUMA Card Discovery	•	•
17	Software policy BMC/BIOS FW update	•	•
18	Export Physical Assets Collateral CSV File	•	•
OS Deployment			
1	Basic OS Deployment	•	•
2	Fast Deploy	N/A	•
OS ARTIFACTS			
1	OS distribution upload, Answer file creation	•	•
2	Golden Image Upload for Fast Deploy	•	•
3	Composed Node - OS Provisioning, Fast Deploy, General Compose New node	•	•
4	Composed Node - User Template Management	•	•
NETWORK			
1	Network Physical Asset Collateral	N/A	•
2	Network Zero Touch Provisioning - Top of Switch, Blade Switch	N/A	•

SL. No	Features	SCC Basic Features	SCC Advanced Features
		SFT-DCMS-SINGLE	SFT-DCMS-SINGLE + SFT-SDDC-SINGLE
3	Interface Status and Counters	N/A	•
4	Top of Rack - Ethernet Switch management	N/A	•
5	Blade - Ethernet Switch management	N/A	•
6	Network Topology - Ethernet Switch Fabric	N/A	•
7	MAC Address lookup	N/A	•
8	Orchestrator templates	N/A	•
9	Switch Sweeper	N/A	•
10	VLAN Management	N/A	•
11	Export/Import Running-Config File	N/A	•
TOPOLOGY			
1	Switch Device Centric Rack-Level Topology Management	N/A	•
STORAGE			
1	iSCSI Pool Management	N/A	•
2	RAID Management	•	•
3	NVMe-OF Pool Management	N/A	•
4	JBOF Management	N/A	•
5	JBOF Direct Connect	N/A	•
6	JBOD Management	•	•
ACCELERATOR PROVISIONING			

SL. No	Features	SCC Basic Features SFT-DCMS-SINGLE	SCC Advanced Features SFT-DCMS-SINGLE + SFT-SDDC-SINGLE
1	Accelerator Provisioning	N/A	•
MANAGEMENT APPLIANCE			
1	Standalone Configuration	•	•
2	High Availability - Cluster Configuration	•	•
3	KVM Hypervisor - SCC Virtual Machine	•	•
4	VMware Hypervisor - SCC Virtual Machine	•	•
5	SCC Bare Metal Appliance	•	•
ADMIN			
1	License Management	•	•
2	Software Information	•	•
3	Settings Idle Timeout	•	•
4	User Management - Role	•	•
5	User Management - Users	•	•
6	Authentication - Local user management	•	•
7	Authentication - Active Directory Services	•	•
8	Authentication - OpenLDAP Services	•	•
9	Configuration of SCC Appliance	•	•
10	Role Base Access Control - DC Admin	•	•
11	Role Base Access Control - Operator Admin	•	•

SL. No	Features	SCC Basic Features	SCC Advanced Features
		SFT-DCMS-SINGLE	SFT-DCMS-SINGLE + SFT-SDDC-SINGLE
12	Role Base Access Control - Server Architect	•	•
13	Role Base Access Control - Storage Admin	•	•
14	Role Base Access Control - Network Admin	•	•
15	Call Home Policy Base - BMC Events Monitor	•	•
16	Windows AD Server – Remote User Account	•	•
17	Multi-Windows AD Server	•	•
LOG			
1	BMC Event	•	•
2	Activity	•	•
3	All Tasks	•	•
4	CDU Log	•	•
ALERT MANAGEMENT			
1	SMTP forward	•	•
2	Webhook Alert	•	•
3	Microsoft Teams-Webhook	•	•
INTELLIGENT POWER DISTRIBUTION UNIT			
1	PDU Lifecycle Management	N/A	•
2	Sensor Management	N/A	•
3	PDU Individual Outlet Power Control	N/A	•

SL. No	Features	SCC Basic Features SFT-DCMS-SINGLE	SCC Advanced Features SFT-DCMS-SINGLE + SFT-SDDC-SINGLE
4	Multi-PDU-Vendor Support	N/A	•
LIQUID COOLING MANAGEMENT			
1	CDU Lifecycle Management	N/A	•
2	Sensor Management	N/A	•
3	Leakage Protection Policy	N/A	•
EXTERNAL SERVICE INTEGRATION			
1	Performance Metrics, Prometheus Server	•	•

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