



SDM Template

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Information About SDM Template

The switches support the Advanced template.

You can use the **show sdm prefer** privileged EXEC command which displays the SDM template in use.

Layer 3 NAT support moved to Network Essentials license

From IOS XE Release 26.2.1, Layer 3 Network Address Translation (NAT) is supported with the Network Essentials license instead of the Network Advantage license. A new L3 NAT SDM template is also available to allocate system resources for Layer 3 NAT.

Configuration Examples for SDM Templates

Example: Displaying SDM Template

The following example displays the output showing the SDM template information.

```
Device# show sdm prefer
```

```
Showing SDM Template Info
```

```
This is the Advanced template.
```

Number of VLANs:	1024
Unicast MAC addresses:	24576
Overflow Unicast MAC addresses:	256
L2 Multicast entries:	1024
L3 Multicast entries:	1024
Overflow L3 Multicast entries:	256
Directly connected routes:	8192
Indirect routes:	7168
Security Access Control Entries:	1536
QoS Access Control Entries:	1024
Policy Based Routing ACEs:	640
Netflow Input ACEs:	128

Example: Displaying SDM Template

Netflow Output ACEs:	128
Flow SPAN ACEs:	256
Tunnels:	128
LISP Instance Mapping Entries:	256
Control Plane Entries:	512
Input Netflow flows:	8192
Output Netflow flows:	8192
SGT/DGT (or) MPLS VPN entries:	2048
SGT/DGT (or) MPLS VPN Overflow entries:	256
Wired clients:	2048
MACSec SPD Entries:	128

These numbers are typical for L2 and IPv4 features.
Some features such as IPv6, use up double the entry size;
so only half as many entries can be created.