Flex Software License for Northstar Planner

Table 1 shows the definition of Juniper Networks NorthStar Planner license SKUs.

Table 1 NorthStar Planner SKU Definition

License SKU	SKU Character Description
S-NSP-1/10/100-S1/A1-C1/C2/C3/C4-1/3/5	**S**—Software **NSP**—Product name: NorthStar Planner **1/10/100**—License metrics for 1, 10, or 100 devices **S1/A1**—Standard 1, or Advanced 1 software subscription **C1/C2/C3/C4**—Device class **1/3/5**—Subscription term: 1 year, 3 years, or 5 years

Table 2 describes the licensing support with use case examples for the NorthStar Planner.

Table 2 Supported Features on the NorthStar Planner

License Model	License SKUs	Use Case Example or Solution	Detailed Features
Standard	S-NSP-100-S1-C1-1/3/5 S-NSP-10-S1-C2-1/3/5 S-NSP-1-S1-C3-1/3/5 S-NSP-1-S1-C4-1/3/5	Basic network planning	1. BGP analysis 2. Capacity planning 3. CoS analysis and planning 4. Data collection from Northstar Controller 5. Detailed reporting 6. ECMP analysis 7. Failure simulation 8. File based data insertion (configuration, operational, tunnels, delays, and demmands) 9. Path assignments 10. Policy based routes 11. Routing protocols 12. Static routes

License Model	License SKUs	Use Case Example or Solution	Detailed Features
Advanced	S-NSP-100-A1-C1-1/3/5 S-NSP-10-A1-C2-1/3/5 S-NSP-1-A1-C3-1/3/5 S-NSP-1-A1-C4-1/3/5	Advanced capacity planning	1. All Standard features 2. Compliancy assessment 3. Cost based design 4. Fast reroute planning 5. GRE tunnels 6. Hardware inventory and reports 7. Integrity check and reports 8. Multicast planning 9. Network slicing planning 10. P2MP planning 11. Traffi matrix solver 12. VPN analysis and planning

Table 3 lists the available NorthStar Controller and NorthStar Planner device classification.

Table 3 Classification of Devices Supported by the NorthStar Controller and NorthStar Planner

Device Name	Description	Supported Devices
C1	Extra-small devices such as mobile backhaul access devices, and small or remote CPE devices	ACX500, ACX710, ACX1000, ACX1100, ACX2100, ACX2200, cSRX, EX2300, and SRX300
C2	Small devices such as compact, fixed-form-factor switches, metro access switches, and top-of-rack switches	ACX4000, ACX5048, ACX5096, ACX5448, ACX6160, ACX6360, EX4300, EX4600, EX4650, EX9250, MX5, MX10, MX40, MX80, MX104, MX150, MX204, vMX, PTX1000, PTX10001, QFX5110, QFX5120, QFX5200, QFX5210, QFX5220, QFX10002, SRX550, SRX1500, SRX4100, SRX4200, and vSRX
C3	Small chassis-based switches, routers, and firewalls (chassis with less than or equal to six slots)	EX9204, M Series, MX Series GNFs, MX240, MX480, MX10003, PTX10002, PTX10003, SRX3400, SRX3600, SRX4600, and SRX5400

Device Name	Description	Supported Devices
C4	Large chassis-based systems (chassis with more than six slots)	EX9208, EX9214, MX960, MX2008, MX2010, MX2020, MX10008, MX10016, PTX3000, PTX5000, PTX10008, PTX10016, QFX10008, QFX10016, SRX5600, SRX5800, and T Series

Device Name	Description	Supported Devices