



Software Specifications

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Required Software

Table 1: Required Software

Software	Value/Description
Operating System	In releases prior to 6.0: Red Hat Enterprise Linux 7.3 In 6.0 through 6.2.x releases: Red Hat Enterprise Linux 7.4 In 6.2.bx, 6.3 and later releases: Red Hat Enterprise Linux 7.5
Hypervisor	Qemu (KVM)
VIM	Hyper-converged Ultra M Single and Multi-VNF Models: Red Hat OpenStack Platform 10 (OSP 10 - Newton)
VNF	In releases prior to 6.0: StarOS release 21.4 In releases 6.0 and 6.1: StarOS release 21.6 In release 6.2.x: StarOS release 21.8 In release 6.2.bx: StarOS release 21.6.x In release 6.3: StarOS release 21.9 In release 6.4: StarOS release 21.10 In release 6.5: StarOS release 21.11 In release 6.6: StarOS release 21.12 In release 6.7: StarOS release 21.13 In release 6.8: StarOS release 21.14

Software	Value/Description
VNFM	In releases prior to 6.0: ESC 3.1.0.116 In releases 6.0 and 6.1: ESC 3.1.0.145 In release 6.2: ESC 4.0.0.104 In release 6.3: ESC 4.2 In release 6.4 and 6.5: ESC 4.3.0.121 In release 6.6 and 6.7: ESC 4.4.0.88 In release 6.8 and later: ESC 4.5.0.112
UEM	In releases prior to 6.0: UEM 5.7 In releases 6.0 and 6.1: UEM 6.0 In release 6.2: UEM 6.2 In release 6.3: UEM 6.3 In release 6.4: UEM 6.4 In release 6.5: UEM 6.5 In release 6.6: UEM 6.6 In release 6.7: UEM 6.7 In release 6.8: UEM 6.8
USP	In releases prior to 6.0: USP 5.7 In releases 6.0 and 6.1: USP 6.0 In release 6.2: USP 6.2.x/6.2.bx In release 6.3: USP 6.3 In release 6.4: USP 6.4 In release 6.5: USP 6.5 In release 6.6: USP 6.6 In release 6.7: USP 6.7 In release 6.8: USP 6.8