hp ProCurve routing switch 9300m series hardware and software matrix

how to use this document:

Matrix 1 shows which combinations of management and unmanaged modules can be used in a given chassis
Matrix 2 shows the minimum required and recommended version of boot code and software based upon the modules and chassis you are using or plan on using. In some cases, certain modules or chassis require different minimum code; if so, this is specified (otherwise see the chassis requirements).
Page 2 of this document describes all management and unmanaged modules, including their product number and description as well as compatibility information.

MATRIX 1

Management Modules	Unmanaged Modules	Chassis 9304 / 9308	Chassis 9315
M1 Management	Group 1 and Group 2 unmanaged	yes	no
	Group 3 (10 Gb) unmanaged	no	no
	Group 4 (EP) unmanaged	no	no
M2 Management	Group 1 and Group 2 unmanaged	yes	yes
	Group 3 (10 Gb) unmanaged	yes	yes
	Group 4 (EP) unmanaged	no	no
M4 Management	Group 1 and Group 2 unmanaged	yes	yes
	Group 3 (10 Gb) unmanaged	yes	yes
	Group 4 (EP) unmanaged	no	no
T-Flow Management	Group 1 and Group 2 unmanaged	yes	yes
	Group 3 (10 Gb) unmanaged	yes	yes
	Group 4 (EP) unmanaged	no	no
EP Management	Group 1 and Group 2 unmanaged	no	no
	Group 3 (10 Gb) unmanaged	yes	yes
	Group 4 (EP) unmanaged	yes	yes

Exceptions are noted below !

Note: M1 management modules cannot be used in a 9315.
M1 management modules cannot manage the 10 Gb or EP unmanaged modules

Note: T-Flow Management modules can manage the 10 Gb with 07.6.04 or newer code.
T-Flow cannot manage EP unmanaged modules.

Note: EP Management modules cannot manage Group 1 and Group 2 unmanaged modules

MATRIX 2

Management Modules		*Chassis requirements* 9304 / 9308 Boot Code	*Chassis requirements* 9315 Boot Code	*Unmanaged Modules Boot Code and Software requirements (for groups see table below)* Group 1 Boot Code	Group 1 Software	Group 2 Boot Code	Group 2 Software	Group 3 Boot Code	Group 3 Software	Group 4 Boot Code	Group 4 Software
M1 Management	Minimum	04.5.00	n/a	see Chassis	04.7.91	07.1.08	06.6.28	n/a	n/a	n/a	n/a
	Recommended	07.1.08	n/a	see Chassis	06.6.37	see Chassis	06.6.37	n/a	n/a	n/a	n/a
M2 Management	Minimum	05.2.00	07.5.04	see Chassis	06.6.16	07.1.08	07.1.10	07.6.02	07.6.04	n/a	n/a
	Recommended	07.6.02	07.6.02	see Chassis	07.6.04	see Chassis	07.6.01	see Chassis	07.6.04	n/a	n/a
M4 Management	Minimum	05.2.00	07.5.04	see Chassis	07.1.22	07.1.08	07.1.22	07.6.02	07.6.04	n/a	n/a
	Recommended	07.6.02	07.6.02	see Chassis	07.6.04	see Chassis	07.6.04	see Chassis	07.6.04	n/a	n/a
T-Flow Management	Minimum	07.5.04	07.5.04	see Chassis	07.5.04	see Chassis	07.5.04	07.6.00	07.6.04	n/a	n/a
	Recommended	07.6.00	07.6.00	see Chassis	07.6.04	see Chassis	07.6.04	see Chassis	07.6.04	n/a	n/a
EP Management	Minimum	07.6.00	07.6.00	n/a	n/a	n/a	n/a	see Chassis	07.6.00	see Chassis	07.6.00
	Recommended	07.6.02	07.6.02	n/a	n/a	n/a	n/a	see Chassis	07.6.04	see Chassis	07.6.04

Fixed Port Stackable		Boot Code	Software
6208 SX Layer 2 Switch J4141A	Minimum	04.5.00	04.7.91
	Recommended	07.1.08	06.6.37
6308 SX Routing Switch J4140A	Minimum	04.5.00	04.7.91
	Recommended	07.1.08	06.6.37

NOTE: n/a means "not applicable" and therefore unsupported configuration (it will simply NOT work)

sub release letters (e.g. 07.6.1***b***) are not listed

in some cases HP no longer supports the minimum boot code and software listed in the table, and recommends that you update to the latest released versions.

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hp ProCurve routing switch 9300m series managed and unmanaged module details

Management Modules	P/N	Description
One management module must be used for each HP Procurve Routing Switch 9300 Series chassis. The redundant management modules provide redundancy (between two management modules) in case of a failure.		
M1 Management	J4141A	10/100 Management Module, which provides 16 10/100Base-TX ports with RJ-45 connectors
	J4144A	Gigabit-SX Management Module, which provides 8 1000Base-SX ports with SC connectors for 50 or 62.5µ multi-mode fiber cable
	J4146A	Gigabit LX/SX Management Module, which provides 4 1000Base-LX ports with SC connectors and 4 1000Base-SX ports with SC
NOTE:		The M1 management modules can manage only unmanaged modules in Group 1 and Group 2. The above are non-redundant management modules. You can only install one M1 management module per chassis. M1 management modules cannot co-exist with M2, M4, EP or T-Flow management modules in the same chassis. M1 management modules are NOT supported in the 9315m chassis.
M2 Redundant Management	J4845A	Gigabit-LX Redundant Management Module, which provides 8 1000Base-LX ports with SC connectors
	J4846A	Gigabit-SX Redundant Management Module, which provides 8 1000Base-SX ports with SC connectors
	J4847A	Redundant Management Module, which supports no external connections and is dedicated to management
NOTE:		The M2 redundant management module can manage only Group 1, Group 2 and Group 3 unmanaged modules. For the 9315m chassis, all redundant management modules with minimum boot code 7.5.04 and software 7.5.04 are supported. If you plan on moving an M2 management module from a 9304m or 9308m chassis to a 9315m chassis, and the current CPU utilization shows 40% or higher, HP highly recommends to upgrade to M4 or T-Flow redundant management modules. A maximum of two redundant management modules can be used in a single chassis. M2 management modules cannot co-exist with M1, EP or T-Flow management modules in the same chassis. HP highly recommends pairing only redundant management modules of the same type (i.e . M2 with M2) for redundancy.
M4 Redundant Management	J4857A	Mini-GBIC Redundant Management Module, which provides 8 open slots for Gigabit Mini-GBICs
NOTE:		The M4 redundant management module can manage only Group 1, Group 2 and Group 3 unmanaged modules. For the 9315m chassis, all redundant management modules with minimum boot code 7.5.04 and software 7.5.04 are supported. A maximum of two redundant management modules can be used in a single chassis. M4 management modules cannot co-exist with M1, EP or T-Flow management modules in the same chassis. HP highly recommends pairing only redundant management modules of the same type (i.e . M4 with M4) for redundancy.
T-Flow Redundant Management	J4879A	Redundant Management Module, which supports no external connections and is dedicated to management
NOTE:		The T-Flow redundant management module can manage only Group 1, Group 2 and Group 3 unmanaged modules. A maximum of two T-Flow modules can be used in a single chassis. T-Flow modules cannot coexist with M1, M2, M4 or EP management modules. If redundancy is needed, two T-Flow modules are required.
EP Redundant Management	J4885A	EP based Mini-GBIC Redundant Management Module, which provides 8 open slots for Gigabit Mini-GBICs
NOTE:		The EP based redundant management module can manage only Group 3 and Group 4 unmanaged modules. A maximum of two EP redundant management modules can be used in a single chassis. EP management modules cannot coexist with M1, M2, M4 or T-Flow management modules. If redundancy is needed, two EP management modules are required.

Unmanaged Modules	P/N	Description
Group 1	J4140A	10/100 unmanaged Module, which provides 24 10/100Base-TX ports with RJ-45 connectors
	J4142A	100FX unmanaged Module, which provides 24 100Base-FX ports with MTRJ connectors
	J4143A	Gigabit-SX unmanaged Module, which provides 8 1000Base-SX ports with SC connectors for 50 or 62.5µ multi-mode fiber cable
	J4145A	Gigabit LX/SX unmanaged Module, which provides 4 1000Base-LX ports with SC connectors and 4 1000Base-SX ports with SC
	J4844A	Gigabit-LX unmanaged Module, which provides 8 1000Base-LX ports with SC connectors for 9µ single-mode fiber cable
NOTE:		The above modules can only be used in a chassis with non-EP (M1, M2, M4, T-Flow) management modules.
Group 2	J4842A	Gigabit-Copper unmanaged Module, which provides 8 1000Base-TX ports with RJ-45 connectors
	J4856A	Mini-GBIC unmanaged Module, which provides 8 open slots for Gigabit Mini-GBICs
NOTE:		The above modules can only be used in a chassis with non-EP (M1, M2, M4, T-Flow) management modules.
Group 3	J4891A	10 Gigabit medium-haul unmanaged module, which provides one 10 Gb port, 1310-nm serial optical interface supports up to 10km
	J8174A	10 Gigabit 2 Port Xenpack GBIC unmanaged module, which provides two 10 Gb ports for Xenpack Tranceivers
NOTE:		The above modules can only be used in a chassis with M2, M4, T-Flow and EP management modules.
Group 4	J4881A	EP based 10/100 unmanaged double-slot module which provides 48 10/100Base-TX ports with RJ-45 connectors
	J4889A	EP based 10/100 Telco unmanaged single-slot module which provides 48 10/100Base-TX ports with RJ-21 (Telco) connectors
	J4894A	EP based Mini-GBIC unmanaged Module, which provides 16 open slots for Gigabit Mini-GBICs
	J4895A	EP based Gigabit-Copper unmanaged Module, which provides 16 1000Base-TX ports with RJ-45 connectors
NOTE:		The above modules can only be used with an EP management module.