



HPE ProLiant DL/ML/SL Gen8 Servers - Fans Run At High Speed Constantly

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Environment

- HPE ProLiant DL160 Gen8 Server
 - HPE ProLiant DL560 Gen8 Server
 - HPE ProLiant DL320e Gen8 Server
 - HPE ProLiant DL320e Gen8 v2 Server
 - HPE ProLiant DL380e Gen8 Server
 - HPE ProLiant DL360e Gen8 Server
 - HPE ProLiant DL380p Gen8 Server
 - HPE ProLiant DL360p Gen8 Server
 - HPE ProLiant ML310e Gen8 Server
 - HPE ProLiant ML310e Gen8 v2 Server
 - HPE ProLiant ML350e Gen8 Server
 - HPE ProLiant SL140s Gen8 Server
 - HPE ProLiant SL160s Gen8 Server
 - HPE ProLiant SL210t Gen8 Server
 - HPE ProLiant SL220f Gen8 Server
 - HPE ProLiant SL230s Gen8 Server
 - HPE ProLiant SL250s Gen8 Server
 - HPE ProLiant SL270s Gen8 Server
 - HPE ProLiant SL270s Gen8 SE Server
 - HPE ProLiant SL4540 Gen8 Server
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Issue

Fans run at high speed even when idle

Cause

Thermal Configuration set to "Maximum Cooling" in ROM-Based Setup Utility (RBSU)

Resolution

The server fans may run at a high speed even when the server is idle or on very low load. This may happen if Thermal Configuration is set to "Maximum Cooling" in RBSU. This setting provides maximum cooling available for the platform and hence the fans run at full speed.

To resolve the issue, access RBSU "Advanced Options > Thermal Configuration" to "Optimal Cooling". This setting provides the most efficient solution by configuring fan speeds to the minimum required for adequate cooling.

[Click here for the RBSU Utility user guide.](#)

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