Axcient

iDRAC User Guide

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Introduction

This guide describes how to configure the built-in Integrated Dell Remote Access Controller (iDRAC).

iDRAC is a management platform that gives users remote server management capabilities. For example, with iDRAC, you can remotely reboot, power off, or power on an Axcient appliance. While configuration can take place at any time, we recommend configuring iDRAC during initial installation, as configuration requires physical access to the appliance.

This guide provides instructions for configuring iDRAC 8 and 9 for Dell 2018 Tower, 1U, or 2U models, including:

- Configuring Network Settings
- Configuring User Credentials
- iDRAC Resources

The model type of the appliance is indicated by the first two letters of the serial number:

• 2018 Models: DA, DB, or DF

Example of Appliance Serial Number



Serial numbers are located on the back of the appliance on Tower appliances, and on the top-front corner next to the hard drive bays for 1U and 2U appliances.

Preparing the Appliance

You will need to connect a monitor and keyboard to the Axcient appliance in order to configure the iDRAC port.

An Ethernet cable must be connected to the iDRAC management port. The iDRAC port is shared with the Eth0 1G NIC port on the Tower and 1U models. The 2U model comes with a dedicated iDRAC port.

On the back of the Axcient appliance, do one of the following:

1. If there is a port labeled **Mgmt.**, connect an Ethernet cable to this port to allow network access.

Note: The iDRAC Ethernet cable is not a replacement for the appliance network cable. A second Ethernet cable must be connected to Port 1 in order to give network access to the appliance.

2. If there is *no* port labeled **Mgmt.**, connect an Ethernet cable to **Port 1** on the 1G NIC Card.

Note: The iDRAC and network port are shared by Port 1.

Default Login Credentials

These default login credentials can be found on the Axcient appliance.

- Username: Root
- Password: AxCi@nt!018

iDRAC Login Sticker



Configuring iDRAC

These instructions are designed for the iDRAC 8 (Dell Tower and 1U models) and iDRAC 9 (2U model) configurations. When you have finished configuring and saving iDRAC settings, you will need to reboot the appliance for the changes to be applied.

Network Settings

STEP 1

During the boot process, press the **F2** key to enter the *System Settings* screen.

F12 = PAE 8001 -	

STEP 2

In the *System Settings* screen, use the arrow keys on your keyboard to select the **iDRAC Settings** option and then press the **Enter** key.

System Setup	Help About Exit
System Setup	
System Setup Main Menu	
System BIOS	
iDRAC Settings	
Device Settings	
iDRAC Settings allows you to configure iDRAC.	
Service Tag: 83LZLR2	Finish

STEP 3

Next, select the **Network** option and press the **Enter** key.

System Setup		Help About Exit
iDRAC Settings		
iDRAC Settings		
iDRAC Settings Version iDRAC Firmware Version	3.00.00.32 3.21.23.22 (Build 7)	
System Summary System Event Log		
Network Alerts		
Front Panel Security Media and USB Port Settings		
Lifecycle Controller		
- offer Configuration		
Use this page to configure the network pr properties, IPMI settings, and VLAN setting	roperties, common iDRAC settings, IPv4 and IPv6 igs.	
Service Tag : 831 71 R2	,	Finish

STEP 4

In the *iDRAC Settings - Network* screen, configure your specific network settings, including:

- Static IP address
- Static Gateway address
- Static Subnet mask
- Static preferred DNS server

After you make your changes, select the **Back** button to save your settings and return to the previous screen.

The appliance will need to be rebooted before these changes will be applied.

System Setup		Help About Exit	
iDRAC Settings			
iDRAC Settings • Network			
IPV4 SETTINGS			-
Enable IPv4	O Disabled	Enabled	I
Enable DHCP	Disabled	○ Enabled	I
Static IP Address	192.168.77.118	8	I
Static Gateway	192.168.77.1		
Static Subnet Mask	255.255.255.	0	
Use DHCP to obtain DNS server addresses	Disabled	O Enabled	
Static Preferred DNS Server	192.168.77.1		
Static Alternate DNS Server	0.0.0.0		
IPV6 SETTINGS			I
Enable IPv6	Disabled	⊖ Enabled	I
Enable Auto-configuration	O Disabled	Enabled	I
			-
Enter the IDRAC NIC static IPv4 address within the (Press <f1> for more help)</f1>	range based on	the class of IP	
Service Tag • 831 71 R2		Back	

User Settings

STEP 1

In the *iDRAC Settings* screen, select the **User Configuration** option and press the **Enter** key.

System Setup	Help About Exit
iDRAC Settings	
iDRAC Settings	
Power Configuration Thermal System Location User Configuration Smart Card Communications Permissions Remote Enablement	
Reset IDRAC configurations to defaults all System Lockdown Mode	Ţ
Configure Administrator User Configuration.	
Service Tag: 83LZLR2	Finish

STEP 2

In the *iDRAC Settings - User Configuration* screen, select the **Enabled** option.

You can then configure the following settings for the user:

- User name
- User Privilege settings
- User password

Press the **Esc** key to save your changes and exit.

System Setup	Help About Exit
iDRAC Settings	
iDRAC Settings • User Configuration	
User ID — Enable User — User Name — LAN User Privilege — Serial Port User Privilege — Change Password —	2 O Disabled root Administrator Press <enter> to install</enter>
Indicates whether the login state of the user is enabled default.	led or disabled. User 2 is enabled by
Service Tag : 83LZLR2	Back

iDRAC Resources

Dell maintains various user guides and other resources to support iDRAC. For more information about iDRAC, please reference the following:

- Dell iDRAC 8
- Dell iDRAC 9