Ubiquity

- [Manually Adopt Ubiquity Access Point](#)

Manually Adopt Ubiquity Access Point

- SSH to the Access point and login with the default credentials of **ubnt**/**ubnt**.
- Type the following command where 192.168.xxx.xxx is the IP of your Unifi controller:

```
set-inform http://192.168.xxx.xxxx:8080/inform
```

- Login to the Unifi controller and navigate to Unifi Devices.
- Locate the access point and click Adopt.

Unifi SSH Commands

We are going to start with the most commonly used Unifi SSH Commands, later on, I will organize them by device or function.

Command	Example	Function
info	info	Displays device information
set-default	set-default	Factory reset device
set-inform	set-inform http://192.168.1.1:8080/inform	Set URL of the controller for adoption. [More info](#)
upgrade	upgrade https://<firmware-url>.bin	Upgrade firmware – [More info](#)
fwupdate	fwupdate --url https://<firmware-url>.bin	Update firmware
reboot	reboot	Reboot the device
poweroff	poweroff	Shutdown device
uptime	uptime	Shows device uptime

Network related SSH Commands

The following Unifi SSh Commands can really help you with finding network-related issues with your Unifi Device.

Command	Example	Function
ifconfig	`ifconfig`	Show network interface information
ip address add	`ip address add 192.168.1.143/24 dev br0`	Set static IP Address
ip route	`ip route`	Display current gateway
ip router add	`ip route add default via 192.168.1.1`	Set default gateway
	`echo "nameserver 192.168.1.1" > /etc/resolv.conf`	Set DNS Server
ping	`ping 1.1.1.1`	Check network connection to device
arp	`arp -a`	Show arp table
ip neigh	`ip neigh`	Show IPv6 neighbors

Unifi OS SSH Commands

When you connect to your UDM Pro (or another controller that is running Unifi OS), then you will have a couple of other options:

Command	Example	Function
ubnt-systool help	`ubnt-systool help`	Show all commands
ubnt-systool cputemp	`ubnt-systool cputemp`	Show CPU Temp
ubnt-systool cpuload	`ubnt-systool cpuload`	Show CPU load
ubnt-systool portstatus	`ubnt-systool portstatus`	Show port status
ubnt-systool hostname	`ubnt-systool hostname <newname>`	Set new hostname
ubnt-systool reboot	`ubnt-systool reboot`	Reboot device
ubnt-systool poweroff	ubnt-systool poweroff	Shutdown device
ubnt-systool reset2defaults	`ubnt-systool reset2defaults`	Factory reset device
ubnt-device-info summary	`ubnt-device-info summary`	Show system information

Command	Example	Function
ubnt-tools ubnt-discover	`ubnt-tools ubnt-discover`	Show Unifi devices in the network
cat /mnt/data/udapi-config/dnsmasq.lease	`cat /mnt/data/udapi-config/dnsmasq.lease`	Show DHCP Leases
cat /mnt/data/udapi-config/unifi	`cat /mnt/data/udapi-config/unifi`	Show configuration
/etc/init.d/S95unifios restart	`/etc/init.d/S95unifios restart`	Restart Unifi OS Web interface

Unifi Log files

There are a lot of log files that you can access to help you debug any Unifi related problem:

Command	Function
`cat /var/log/messages`	Output the error log
`tail -f /var/log/messages`	Monitor log file
`cat /mnt/data/unifi-os/unifi-core/config/settings.yaml`	Server settings
`cat /mnt/data/unifi-os/unifi-core/logs/discovery.log`	Discovery log
`cat /mnt/data/unifi-os/unifi-core/logs/system.log`	System log
`cat /mnt/data/unifi-os/unifi/logs/server.log`	Server log
`cat /mnt/data/unifi-os/unifi-core/logs/errors.log`	Http errors