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

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