

## How to setup multiple-wireless VLAN on DSR-series

(1) Create two new wireless profiles.

**DSR-1000N** // SETUP ADVANCED TOOLS STATUS HELP

Wizard  
Internet Settings  
**Wireless Settings**  
Network Settings  
DMZ Setup  
VPN Settings  
USB Settings  
VLAN Settings

**PROFILES** LOGOUT

The Profile can be thought of a grouping of security settings that can be applied to one or more Access Points. When configured, a profile will be available to assign to a Access Point in the AP Configuration page.  
More...

A profile is a grouping of wireless settings which can be shared across multiple APs. AP specific settings are configured on the Access Point Configuration page. The profile allows for easy duplication of SSIDs, security settings, encryption methods, client authentication, etc. across APs.

**List of Profiles**

<input type="checkbox"/>	Profile Name	SSID	Broadcast	Security	Encryption	Authentication
<input type="checkbox"/>	default1	DSR-1000N_1	✓	OPEN	NONE	NONE
<input type="checkbox"/>	002	002	✓	OPEN	NONE	NONE
<input type="checkbox"/>	003	003	✓	OPEN	NONE	NONE

Edit Delete Add

UNIFIED SERVICES ROUTER

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**PROFILES** LOGOUT

The Profile Configuration page allows you to set or modify the network identifiers and wireless settings of a particular wireless profile. Profiles can be applied to more than once access point if needed.

Save Settings Don't Save Settings

**Profile Configuration**

**Profile Name:** 002

**SSID:** 002

**Broadcast SSID:**

**Security:** OPEN

**Encryption:** TKIP

**Authentication:** PSK

**WPA Password:** \_\_\_\_\_

**Enable Pre-Authentication:**

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**PROFILES** LOGOUT

The Profile Configuration page allows you to set or modify the network identifiers and wireless settings of a particular wireless profile. Profiles can be applied to more than once access point if needed.

Save Settings Don't Save Settings

**Profile Configuration**

Profile Name: 003  
 SSID: 003  
 Broadcast SSID:   
 Security: OPEN  
 Encryption: TKIP  
 Authentication: PSK  
 WPA Password:   
 Enable Pre-Authentication:

(2) Create two new access points.

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**ACCESS POINTS** LOGOUT

Helpful Hints...  
The DSR supports up to four concurrent Access Points. Each can have unique access policies, security settings, and bandwidth shaping depending on your needs.  
More...

The List of Available Access Points table lists the configured Access Points (AP) for this device. From this summary list, the status of each AP (over all radios) can be reviewed and AP parameter configuration settings can be accessed.

**List of Available Access Points**

<input type="checkbox"/>	Status	Virtual AP	SSID	Broadcast	Profile Name	Active Time	Start Time	Stop Time
<input type="checkbox"/>	Enabled	ap1	DSR-1000N_1	✓	default1	No	-	-
<input type="checkbox"/>	Enabled	002	002	✓	002	No	-	-
<input type="checkbox"/>	Enabled	003	003	✓	003	No	-	-

Edit Enable Disable Delete Add

MAC Filter Status

DSR-1000N	SETUP	ADVANCED	TOOLS	STATUS
Wizard	<b>ACCESS POINTS</b> <span style="float: right;">LOGOUT</span>			
Internet Settings	This page allows you to create a new AP or edit the configuration of an existing AP. The details will then be displayed in the AP table on the Wireless > Access Points page.			
Wireless Settings	<input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/>			
Network Settings	<b>Access Point Configuration</b>			
DMZ Setup	AP Name: <input type="text" value="002"/>			
VPN Settings	Profile Name: <input type="text" value="002"/>			
USB Settings	Active Time: <input type="checkbox"/>			
VLAN Settings	Start Time: <input type="text"/> hour <input type="text"/> minute <input type="text" value="AM"/>			
	Stop Time: <input type="text"/> hour <input type="text"/> minute <input type="text" value="AM"/>			
	WLAN Partition: <input checked="" type="checkbox"/>			

DSR-1000N	SETUP	ADVANCED	TOOLS	STATUS
Wizard	<b>ACCESS POINTS</b> <span style="float: right;">LOGOUT</span>			
Internet Settings	This page allows you to create a new AP or edit the configuration of an existing AP. The details will then be displayed in the AP table on the Wireless > Access Points page.			
Wireless Settings	<input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/>			
Network Settings	<b>Access Point Configuration</b>			
DMZ Setup	AP Name: <input type="text" value="003"/>			
VPN Settings	Profile Name: <input type="text" value="003"/>			
USB Settings	Active Time: <input type="checkbox"/>			
VLAN Settings	Start Time: <input type="text"/> hour <input type="text"/> minute <input type="text" value="AM"/>			
	Stop Time: <input type="text"/> hour <input type="text"/> minute <input type="text" value="AM"/>			
	WLAN Partition: <input checked="" type="checkbox"/>			

(3) Add two new available vlans.

DSR-1000N					SETUP	ADVANCED	TOOLS	STATUS	
Wizard									
Internet Settings	<b>AVAILABLE VLANS</b>							LOGOUT	
Wireless Settings	This page shows a list of available VLANs which a user can edit or delete. A user can add a new VLAN from this page as well.								
Network Settings	<b>List of available VLANs</b>								
DMZ Setup	<input type="checkbox"/>	Name			ID				
VPN Settings	<input type="checkbox"/>	Default			1				
USB Settings	<input type="checkbox"/>	002			2				
<b>VLAN Settings</b>	<input type="checkbox"/>	003			3				
					Edit	Delete	Add		

(4) You can enable VLAN routing function, if you need this function. In this example, I don't have enable this function.

DSR-1000N					SETUP	ADVANCED	TOOLS	STATUS
Wizard								
Internet Settings	<b>AVAILABLE VLANS</b>							LOGOUT
Wireless Settings	This page allows user to enable/disable VLAN support on the LAN.							
Network Settings	Save Settings		Don't Save Settings					
DMZ Setup	<b>VLAN Configuration</b>							
VPN Settings	Name:	002						
USB Settings	Id:	2						
<b>VLAN Settings</b>	Inter VLAN Routing Enable:	<input type="checkbox"/>						

DSR-1000N // SETUP ADVANCED TOOLS STATUS

Wizard  
Internet Settings  
Wireless Settings  
Network Settings  
DMZ Setup  
VPN Settings  
USB Settings  
**VLAN Settings**

**AVAILABLE VLANS** LOGOUT

This page allows user to enable/disable VLAN support on the LAN.

Save Settings Don't Save Settings

**VLAN Configuration**

**Name:** 003  
**Id:** 3  
**Inter VLAN Routing Enable:**

(5) We have to edit PVID for each new wireless VLAN.

DSR-1000N // SETUP ADVANCED TOOLS STATUS

Wizard  
Internet Settings  
Wireless Settings  
Network Settings  
DMZ Setup  
VPN Settings  
USB Settings  
**VLAN Settings**

**PORT VLANS** LOGOUT

This page allows user to configure the port VLANs. A user can choose ports and can add them into a VLAN.

**Port VLANs**

	Port Name	Mode	PVID	VLAN Membership
<input type="checkbox"/>	Port 1	Access	1	1
<input type="checkbox"/>	Port 2	Access	1	1
<input type="checkbox"/>	Port 3	Access	1	1
<input type="checkbox"/>	Port 4	Access	1	1

Edit

**Wireless VLANs**

	SSID	Mode	PVID	VLAN Membership
<input type="checkbox"/>	DSR-1000N_1	Access	1	1
<input type="checkbox"/>	002	Access	2	2
<input type="checkbox"/>	003	Access	3	3

Edit

DSR-1000N	SETUP	ADVANCED	TOOLS	STATUS
Wizard	▶			
Internet Settings	▶			
Wireless Settings	▶			
Network Settings	▶			
DMZ Setup	▶			
VPN Settings	▶			
USB Settings	▶			
VLAN Settings	▶			
<b>VLAN CONFIGURATION</b> <span style="float: right;">LOGOUT</span>				
This page allows user to configure the port VLAN.				
<b>VLAN Configuration</b>				
Port Name:		002		
Mode:		Access ▼		
PVID:		2		
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>				
<b>VLAN Membership Configuration</b>				
VLAN Membership:		1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/>		
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>				

DSR-1000N	SETUP	ADVANCED	TOOLS	STATUS
Wizard	▶			
Internet Settings	▶			
Wireless Settings	▶			
Network Settings	▶			
DMZ Setup	▶			
VPN Settings	▶			
USB Settings	▶			
VLAN Settings	▶			
<b>VLAN CONFIGURATION</b> <span style="float: right;">LOGOUT</span>				
This page allows user to configure the port VLAN.				
<b>VLAN Configuration</b>				
Port Name:		003		
Mode:		Access ▼		
PVID:		3		
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>				
<b>VLAN Membership Configuration</b>				
VLAN Membership:		1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>		
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>				