

Determine The Ssid; Determine The Security Mode - Toshiba GN-1040 Operator's Manual

Multifunctional digital systems, wireless lan module

1

2

3

4

5

6

Table Of Contents

7

8

9

10

11

12

13

14

15

16

17

18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54

--

•

[Table of Contents](#)

-

Troubleshooting

•

Bookmarks



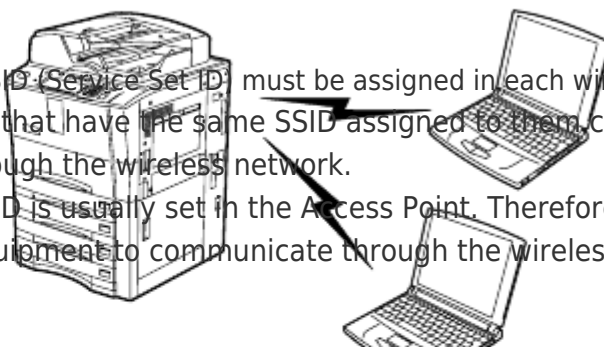
Ad Hoc Mode

In the Ad Hoc Mode, client computers can access to the equipment directory through a wireless network without an Access Point. The Ad Hoc Mode is not suitable for the wireless network that many computers are connected, however, it is easy to establish the wireless network because the Access Point is not required.

2. Determine the SSID

In the wireless network, the same SSID (Service Set ID) must be assigned in each wireless device. Only wireless devices that have the same SSID assigned to them can communicate with each other through the wireless network.

In the Infrastructure Mode, the SSID is usually set in the Access Point. Therefore, you must set the same SSID in this equipment to communicate through the wireless network via the Access Point.



In the Ad Hoc Mode, you must assign the same SSID that is assigned to other client computers. To access the devices each other in the Ad Hoc Mode, the same SSID must be assigned to each device.

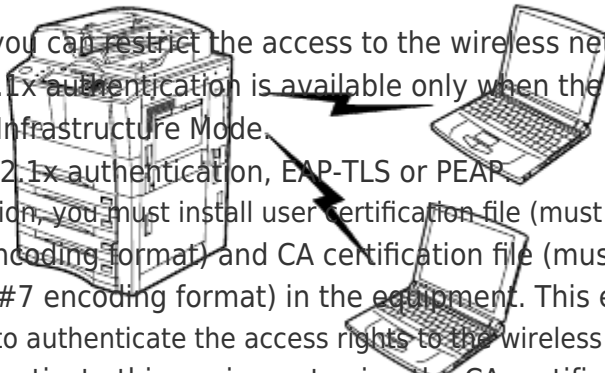
3. Determine the Security Mode

This equipment supports the following wireless security modes.

802.1x

Using the 802.1x authentication, you can restrict the access to the wireless network using the RADIUS server. The 802.1x authentication is available only when the wireless network is established in the Infrastructure Mode.

There are two protocols for the 802.1x authentication, EAP-TLS or PEAP. When using the EAP-TLS authentication, you must install user certification file (must be either DER, BASE64, or PKCS#7 encoding format) and CA certification file (must be exported as a private key in PKCS#7 encoding format) in the equipment. This equipment uses the user certification file to authenticate the access rights to the wireless network, and the RADIUS server authenticates this equipment using the CA certification file.



[Previous Page](#)
[Next Page](#)

1
...
8
9
10
11
12
13
14
15

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