

Below are the switch process of each multi-Authentication

1. Any: MBAC or DOT1X or WAC(JWAC)

- a.> If 802.1X system state is disabled and both of MBA's and JWAC's system state are enabled, then clients will only be authenticated by MBA and JWAC modules.
- b.> If all of three modules' system states are disabled and clients are not authenticated by any one, then clients can access networks directly.
- c.> client needs only pass one of authentication methods; it will be authorized by first authenticated module.

2. DOT1X+IMPB

- a.> In this mode, 802.1X and IMPB can be enabled on a port at the same time.
- b.> client should be passed both 802.1x auth and IMP bind v3, it will be granted. If the host fails one of authentication methods, it will be rejected.
- c.> For multi-authen port-base mode, if one host passes 802.1X, the port will be authorized and whether an individual client's traffic can be forwarded depends on it passes IMPB checking or not. In other words, even a port is authorized, if a host fails IMPB checking, it still will be blocked.

3. IMPB+JWAC

- a.> client should passes both JWAC auth and IMPB, it will be granted. If it fails one of authentication methods, it will be rejected.
- b.> If JWAC is global disabled, and IMPB is enabled, only IMPB will be check. If IMPB check pass, then the host is authorized.
- c.> For multi-authen port-base mode, if one host passes JWAC, the port will be authorized. However, whether an individual client's traffic can be forwarded still depends on it passes IMPB checking or not. Even a port is JWAC authorized, the IMPB checking still works on an individual client. In other words, if a client fails IMPB checking, it still will be blocked.

4. IMPB+WAC

- a.> Client should passes both WAC auth and IMPB, it will be granted. If it fails one of authentication methods, it will be rejected.
- b.> If WAC is global disabled, and IMPB is enabled, only IMPB will be check. If IMPB check pass, then the host is authorized.
- c.> For multi-authen port-base mode, if one host passes WAC, the port will be authorized. However, whether an individual client's traffic can be forwarded still depends on it passes IMPB checking or not. Even a port is WAC authorized, the IMPB checking still works on an individual client. In other words, if a client fails IMPB checking, it still will be blocked.