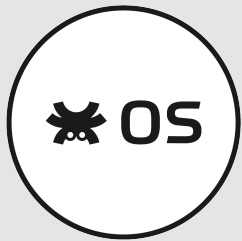


# Tanaza

The WiFi cloud management software for  
IT professionals to operate WiFi networks

# The Product

## TanazaOS



TanazaOS is a powerful Linux-based Operating System compatible with multiple hardware devices. It is based on the latest LTS kernel version (4.19 as October 2019) and built on the Yocto open-source framework.

TanazaOS is extremely fast in sending configurations to the access points, with the most complex net-wide settings being applied to all APs in a network in less than 5 seconds. It is also secure, as it is build on the most recent kernel and bootloader.

Tanaza continuously releases new features and security patches to make its enterprise users happy. The system has been designed with advanced WiFi networking features in mind, such as mesh networking, support for 3G/4G connectivity and channel orchestration. Its mechanism of demons communicating with each other through IPC allows devices to send real-time events to the cloud platform.

With Tanaza operating system, the access points are not rebooted when a new configuration is applied; also, in multi-SSID environments, the clients are not disconnected from their SSIDs when another one is re-configured.

TanazaOS also features:

WPA2 authentication, which makes for an encrypted and secure authentication of wireless clients;

Roaming (with and without a captive portal in place), to provide high-performing connectivity and a seamless experience when wireless clients move from an access point to the other.

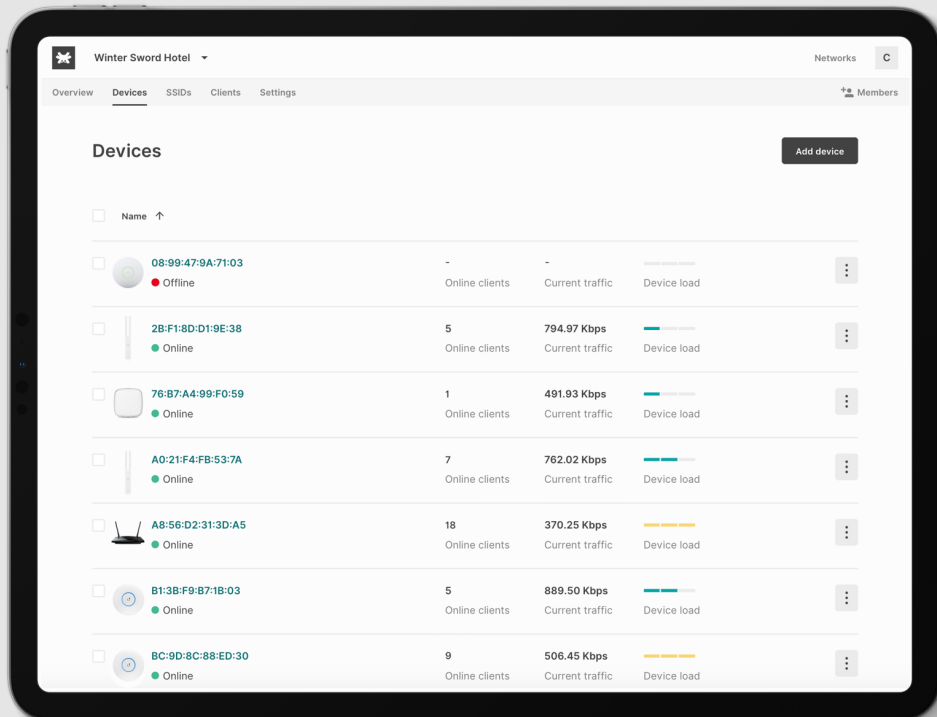
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In terms of supported devices, TanazaOS supports a wide range of chipsets, such as ARM, Mediatek and Qualcomm. With the list of compatible devices being expanded every couple of months to meet the needs of enterprise customers, TanazaOS users get a top-notch operating system which works with the latest gear, such as 802.11ac Wave2 devices and WiFi 6 802.11ac access points.

TanazaOS runs continuous updates and each release is tested in over 1200 test cases by Tanaza's quality assurance team, to give a flawless system to Tanaza's enterprise customers.

# Tanaza cloud platform for WiFi management

The new Tanaza software is a state-of-the-art comprehensive cloud platform for IT professionals to operate WiFi networks. Tanaza allows MSPs, System Integrators, Network Administrators and ISPs to improve their levels of efficiency, by enabling them to manage all their WiFi networks, access points, SSIDs and clients from one single platform.



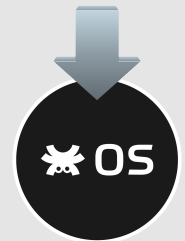
Tanaza makes the deployment and configuration of multiple WiFi access points effortless. The software allows applying configurations to multiple APs in a single network in the blink of an eye thanks to the function "network-wide configurations". Each access points added to the network will immediately get the same configurations that the others have for extremely quick provisioning.

Tanaza also features:

- Auto rollback: when a wrong configuration is applied, the system restores the previous one
- Scheduled reboot of APs
- Enabling and disabling the hardware reset button
- Automatic channel distribution
- Centralized SSIDs, with up to 8 SSIDs per access point
- Client isolation
- Maximum concurrent clients
- Band selection
- Multi organization
- Fast roaming
- Integrated hotspot

## TanazaOS Installer

Tanaza released its installer, a web software, which makes the deployment and provisioning of hundreds of devices effortless.



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