



# WiFiMon Installation with Ansible Playbook

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# Info for WiFiMon Installation with Ansible Playbook:

## Supported Operating Systems

- Debian 10
- Debian 11
- Ubuntu 20.04
- Ubuntu 22.04

## Minimal Hardware Requirements

- 4 Core
- 8GB Ram
- 10GB Free space



There is list of services which Ansible playbook is going to install and configure for Wifimon to work:

- WiFiMon software
- PostgreSQL
- Kibana
- Logstash
- Elasticsearch
- Nginx
- Salt

Ansible playbook also loads dashboards in Kibana, configures variables of Wifimon setup and etc..





## Prerequisites before Installation with Ansible playbook:

- Git clone repository: `git clone https://gitlab.grena.ge/nugzar/wifimon-ansible.git`
- Adjust the IP address (or FQDN) under **[WAS]** section in `hosts.cfg` file. Set IP or FQDN of the server on which you plan to install WAS
- Ensure that the FQDN of WAS (configured as a combination of `was_server_hostname` and `was_server_domainname` variables in `vars/main.yml`) has the DNS record of type A and resolves to the public IP of the WAS itself, which is set in `hosts.cfg` file under **[WAS]** section. **In the case we have:**

## Following 4 FQDNs should be pointed to the same IP as WAS:

- `<was_server_hostname>-ui.<was_server_domainname>`
- `<was_server_hostname> elastic <was_server_domainname>`

was-test.grena.ge  
was-test-ui.grena.ge  
was-test-elastic.grena.ge  
was-test-kibana.grena.ge  
was-test-flask.grena.ge



# Thank You

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Wifimon mailing list: [wifimon-ops@lists.geant.org](mailto:wifimon-ops@lists.geant.org)

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