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**Dynatrace Host groups:**

This capability is used to organize OneAgent Hosts in a large group, this group brings multiple benefits to monitoring and administration such as:

* Group HOST entities together
* Set monitoring configurations for a group of hosts (only for OneAgent). For instructions go to: Host group in OneAgent
* Segregate PROCESS\_GROUP to set special monitoring configurations (these are re-grouped based on the HOST\_GROUP)
* Assign additional monitoring capabilities thru Extension V2 (ex. WMI extension capabilities, Prometheus, JMX), For instructions go to: Host group for Extension v2 configuration
* Use host group details to create Management Zones
* Exclude process groups from monitoring

**Dynatrace Official documentation:**

[Overview - Edge X 2.0 Documentation (dxc.com)](https://github.dxc.com/pages/Innovation-Automation/dynatrace_documentation/user_guides/monitoring/host_group/readme/)

<https://www.dynatrace.com/support/help/platform-modules/infrastructure-monitoring/hosts/configuration/organize-your-environment-using-host-groups>

**Considerations:**

* Host running OneAgent can only be part of a single Host group
* Host group string requirements (Dynatrace rules regarding naming):
  + Can contain only alphanumeric characters, hyphens, underscores, and periods - For DXC standard underscore (\_) is the "field separator" that split apart the key elements from the name
  + Must not start with dt
  + Maximum length is 100 characters
* **IMPORTANT NOTE** If customizations have been set or settings changed to Process groups and then host group is configured, the customization/config must be re-done
* Initially updating host group was possible only thru oneagentctl, Dynatrace released the ability to update host group using Remote configuration, for instructions go to: Host groups in OneAgent.

**DXC Standards:**

The Architecture document has defined the naming scheme for Host Groups (Reference: architecture document, however some components of that naming scheme are provided below for reference.

Host group name is build based in 3 key fields:

<host environment>\_<host support level>\_<application>

**Definition:**

host environment - This is the environment into which a host has been placed. This should align to the definition of Environment in ServiceNow CMDB and ESL. Examples: Production, Development

host support level - This is the level of support provided to the host, Examples: Basic, Standard, High Availability, Mission Critical

application - An indicator of the application being supported by the host. This should be the application at the service level, not the technology level. As the application will not always be known by the DXC team the default will be "infra". Examples: HR, ESIS, Shared Database, MyApp.

**Edge X 2.0 standard the following additional rules will apply:**

* Host Group names will be in lower case.
* Connectors between parameters will be an underscore \_
* Connectors between words within a parameter will be a dash -

Examples:

production\_standard\_infra

development\_basic\_shared-db

production\_mission-critical\_myapp

Currently the standard for Hostgroup naming is recommending "full names" (see the examples above), however this is not mandatory and can change in the future (eg. development vs dev)

Additional details¶

There may be cases where customer requires to split deeper its host grouping, for such cases additional "fields" can be included in the host group naming, has mention earlier underscore is the connector/field separator for each portion of the host group name, with this in mind see examples below:

Examples:

production\_standard\_infra\_customer-defined

development\_basic\_shared-db\_customer-defined

production\_mission-critical\_myapp\_customer-defined

Intermountain Host Groups:

|  |  |  |
| --- | --- | --- |
| host environment | host support level | application |
| OS-Test\* | dxc | mssql |
| OS-Development\* | selecthealth | oracle |
| OS-production | seltzer | openshift |
|  | ih-canyons | storage |
|  | ih-peaks | bur |
| OS – Windows and Open Systems | ih-desert | secapp |
|  |  |  |
|  |  |  |
|  |  |  |

\*IH will change dev and test ci’s into production.

Requirements:



Tags:

Geo location

NOTE: Management Zones Item:

We would need to create zones for support. An example is that there are DXC DBA’s and SelectHealth DBA’s working on the same host.