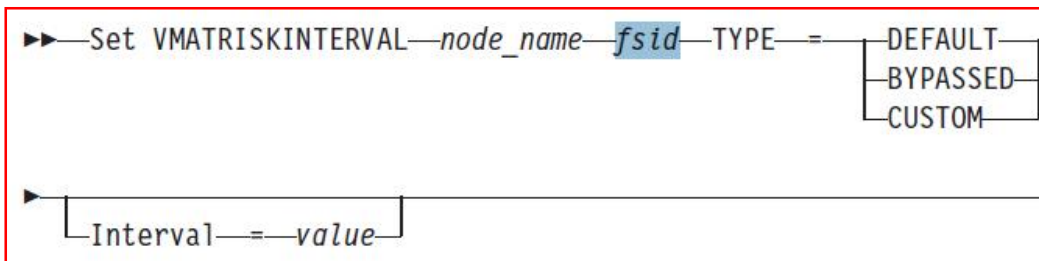


## SET VMATRISKINTERVAL

To adjust the at-risk evaluation mode for an individual VM filesystem.



### DEFAULT

Specifies that the VM filesystem is evaluated with the same interval that was specified for the **SET STATUSATRISKINTERVAL** command.

### BYPASSED

Specifies that the VM filesystem is not evaluated for at-risk status by the status monitor. The at-risk status is also reported as bypassed to the Operations Center.

### CUSTOM

Specifies that the VM filesystem is evaluated with the specified interval, rather than the interval that was specified for the **SET STATUSATRISKINTERVAL** command.

### Interval

Specifies the amount of time, in hours, between client backup activity before the status monitor considers the client to be at risk. You can specify an integer in the range **6 - 8808**. You must specify this parameter when `TYPE = CUSTOM`. You do not specify this parameter when `TYPE = BYPASSED` or `TYPE = DEFAULT`. The interval value for all client types is set to 24 at server installation.

The **VMATRISKINTERVAL** normally is only useful or valid for VMware backups, where one VMWARE backup is one filesystem.

→ But for **demo** purposes i used another filesystem.

→ **Output of q filesystem client** (default values):

```
tsm: SERVER1>q fi client
```

| Node Name | Filespace Name | FSID | Platform | Filespace Type | Is Filespace Unicode? | Capacity  | Pct Util |
|-----------|----------------|------|----------|----------------|-----------------------|-----------|----------|
| CLIENT    | c:             | 1    | Windows  | API:Sample     | No                    | 300 bytes | 33.3     |
| CLIENT    | \\test\\       | 2    | Windows  | API:Sample     | No                    | 300 bytes | 33.3     |

→ **Output (excerpt) of q filesystem client f=d** (default values):

```
At-risk type: Default interval
At-risk interval:
```

#### At-risk type

Specifies the at-risk evaluation type. Values can be Default, Bypassed, or Custom. Default indicates that the node is evaluated with the same interval that was specified for the nodes classification by the **SET STATUSATRISKINTERVAL** command. Bypassed indicates that the node is not evaluated for at-risk status by the status monitor. Custom indicates that the node is evaluated with the interval that was specified by the **SET VMATRISKINTERVAL** command, rather than the interval that was specified by the **SET STATUSATRISKINTERVAL** command.

#### At-risk interval

Specifies the amount of time, in hours, between client backup activity before the status monitor considers the client at-risk. This field applies only when the at-risk type is Custom.

Now we set At-risk type to **custom** with another value than 24 hours:

**SET VMATRISKINTERVAL** client **1** type=**custom** interval=**8808**

```
tsm: SERVER1>SET VMATRISKINTERVAL client 1 type=custom interval=8808
ANR4548W SET VMATRISKINTERVAL: The specified at-risk interval of 8808 hours exceeds the activity
summary retention of 30 days.
ANR3489I SET VMATRISKINTERVAL completed successfully.
```

```
tsm: SERVER1>help ANR4548W
ANR4548W command: The specified at-risk interval of interval hours
exceeds the activity summary retention of retention days.

Explanation: The activity summary is used to determine if a client has
been backed up within the at-risk interval. If the interval exceeds the
activity summary retention, the server may not be able to find a
qualifying backup and would consider the client to be unprotected.

System action: Processing continues.

User response: Either invoke the command again to reduce the interval or
use the SET SUMMARYRETENTION command to increase the activity summary
retention.
```

- That's the **activity\_summary** table for e.g. **processes** and **backups**. The default normally is 30 days (for VM most probably also the **SUMMARY\_EXTENDED** table is covered).
- **Output** (excerpt) of **q filespace client f=d** (with changed values now):

```
At-risk type: Custom interval
At-risk interval: 8,808
```