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# T-Server Reference Guide

AddressStatusInfoType

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# AddressStatusInfoType

## Syntax

```
typedef enum {  
    AddressStatusIdle,  
    AddressStatusOrigination,  
    AddressStatusDialing,  
    AddressStatusTalking,  
    AddressStatusRinging,  
    AddressStatusHeld,  
    AddressStatusTreatment,  
    AddressStatusLockedOut,  
    AddressStatusMaintenance,  
    AddressStatusAvailable,  
    AddressStatusVacant  
} AddressStatusInfoType;
```

## Values

- **AddressStatusIdle** — A state in which there is no relationship between the call and object specified by **ThisDN**.
- **AddressStatusOrigination** — A state in which an object specified by **ThisDN** is requesting a service, or is in the process of dialing the necessary digit sequence to initiate a call to another object. The object enters this state when the device goes off-hook, or the device is prompted to go off-hook as a result of some service that is initiated for the device. The connection leaves the origination state when the dialing sequence is completed, aborted, or has failed.
- **AddressStatusDialing** — A state in which an object specified by **ThisDN** completed a dialing sequence. **AddressStatusDialing** has the same meaning as **AddressStatusRinging** but for an object originating the call.
- **AddressStatusTalking** — A state in which an object specified by **ThisDN** is actively participating in a call. This state includes logical participation in a call as well as physical participation (for example, a connected device cannot be on hold).
- **AddressStatusRinging** — A state in which the attempt is being made to connect an object specified by **ThisDN** to a call and it is now up to the device to take some action.
- **AddressStatusHeld** — A state in which an object specified by **ThisDN** is inactively participating in a call. This state includes logical participation in a call while physical participation is suspended.
- **AddressStatusTreatment** — A state in which a telephony object specified by **ThisDN** actively participating in a call is under treatment at the time of the request.
- **AddressStatusLockedOut** — The switch puts an object specified by **ThisDN** in this state when it encountered an interdigit timeout while dialing.
- **AddressStatusMaintenance** — A state in which the telephony object specified by **ThisDN** has been taken out of service and can no longer accept calls or service requests.

- `AddressStatusAvailable` — A state in which the telephony object specified by `ThisDN` is busy with a call, but still available to receive another call.
- `AddressStatusVacant` — The status of the telephony object in question is Vacant.