Customize AnyDesk with Advanced Options for Windows: Key-Value Pairs and Possibilities

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In addition to regular customization options, AnyDesk offers “Advanced” options to help users tailor their AnyDesk clients to their exact specifications.

You can override a setting (meaning there is no way to change it back within AnyDesk) or change the default setting used by AnyDesk. For security-related functions, we recommend using “Override Setting” to prevent them from being changed from the custom client’s user interface.

Below are the advanced options of AnyDesk for Windows.

Tip: Default values are in **bold**.

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Client Features

Feature	Key-Value Pair	Value Possibilities
Use specific version	_module=anydesk-	e.g. _module=anydesk-6.0.8
Automatic alias registration	ad.features.register_alias=true	**false**, true
Automatic alias registration in custom namespace	ad.anynet.register.add_to_namespace=true	**false**, true
Elevation request at startup (UAC)	ad.features.auto_uac=true	**false**, true
Allow installation	ad.features.install=true	false, **true**
Disable VPN	ad.features.vpn=false	false, **true**
Disable Wake-on-LAN	ad.features.wol=false	false, **true**
Prevent users from deleting or overwriting the license	ad.license.permissions=0	0: No permission, **1: Have permission**

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Client Settings

Setting	Key-Value Pair	Value Possibilities
Disable all settings	ad.ui.cfg_enabled=false	false, **true**

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User Interface Settings

Feature	Key-Value Pair	Value Possibilities
Disable user interface settings	ad.ui.cfg_enable_interface=false	false, **true**
Set default language	ad.ui.lang=	language codes
Disable automatic language selection	ad.ui.lang.auto=false	false, **true**
Disable email invitation option	ad.ui.show_invite=false	false, **true**
Disable sending direct invitations	ad.features.session_invitation.send=false	false, **true**
Disable receiving direct invitations	ad.features.session_invitation.receive=false	false, **true**
Show AnyDesk ID instead of Alias	ad.ui.alias_or_id=true	false, **true**
Hide local taskbar when AnyDesk window is maximized	ad.ui.maximize_type=true	false, **true**
Disable close session comments	ad.ui.comment_session=false	false, **true**
AnyDesk starts in advanced view	ad.roster.adv_view=true	false, **true**
Remove “What’s New” tile in main window	ad.ui.show_tile.whats_new=0	0: Disable, **1: Enable**
Remove “Set password for unattended access” tile (Pre-AnyDesk 7)	ad.ui.show_tile.password=0	0: Disable, **1: Enable**
Remove tile about the existence of discovery feature	ad.discovery.show_tile=0	0: Disable, **1: Enable**
Disable Recent sessions	ad.features.recent_out=0	0: Disable
Disable Favorites	ad.features.favorites=0	0: Disable
Hide circular menu button on inactivity (Android only)	ad.ui.auto_hide_nubsi=true	**false**, true
Hide plugin installation dialog (Android only)	ad.ui.enable.dialog.plugin.install=0	0: Disable, **1: Enable**
Hide plugin update dialog (Android only)	ad.ui.enable.dialog.plugin.update=0	0: Disable, **1: Enable**
Hide plugin activation dialog (Android only)	ad.ui.enable.dialog.plugin.activation=0	0: Disable, **1: Enable**
Hide battery optimization dialog (Android only)	ad.ui.enable.dialog.battery_optimization=0	0: Disable, **1: Enable**
Hide overlay permission dialog (Android only)	ad.ui.enable.dialog.overlay_permission=0	0: Disable, **1: Enable**
Hide local scam warning dialog (Android only)	ad.ui.enable.dialog.local_scam_warning=0	0: Disable, **1: Enable**
Disable automatic start of tutorial (Android only)	ad.ui.enable.tutorial_autostart=0	0: Disable, **1: Enable**
Hide privacy policy dialog (Android only)	ad.ui.enable.dialog.privacy_policy=0	0: Disable, **1: Enable**

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Security Settings

Feature	Key-Value Pair	Value Possibilities
Disable security settings	ad.ui.cfg_enable_security=false	false, **true**
Disable interactive access	ad.security.interactive_access=2	2: disable, **1: enable when AnyDesk is open**, 0: always enabled
Enable Access Control List (ACL)	ad.security.acl_enabled=true	false, **true**
Disable unattended access	ad.features.unattended=false	**false**
Prohibit saving login information of this computer from others	ad.security.allow_logon_token=false	false, **true**
Disable two-factor authentication	ad.features.two_factor_auth=false	false, **true**
Disable File Manager sessions	ad.features.file_manager=false	false, **true**
Terminate existing incoming sessions upon receiving a session request (Android only)	ad.security.kickout=1	0: Disable, **1: Enable**
Protect settings with device credentials or biometrics (0=disable, 2=enable)	ad.security.settings_protection=2	0: Disable, **2: Enable**

Unattended Access Settings (pre AnyDesk 7)

Warning:

With AnyDesk 7 and later, these key-value pairs only affect the unattended access profile, assuming one has been created within the custom client settings.

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Feature	Key-Value Pair	Value Possibilities
Override standard permissions (only works if different permissions have been set for unattended access)	ad.security.enable_uaccess_permissions=true	false, **true**
Prohibit user connection to:		
Hear sound output of my computer	ad.security.uaccess.hear_audio=false	false, **true**
Control my computer’s keyboard and mouse	ad.security.uaccess.control_input=false	false, **true**
Access my computer’s clipboard	ad.security.uaccess.sync_clipbrd=false	false, **true**
Access my computer’s clipboard for file transfer	ad.security.uaccess.clipboard.files=false	false, **true**
Lock my computer’s keyboard and mouse	ad.security.uaccess.block_input=false	false, **true**
Restart my computer	ad.security.uaccess.restart=false	false, **true**
Use file manager	ad.security.uaccess.file_manager=false	false, **true**
Lock desktop upon session end	ad.security.uaccess.lock_account=false	false, **true**
Request system info	ad.security.uaccess.sysinfo=false	false, **true**
Print my documents on their printer	ad.security.uaccess.print=false	false, **true**
Draw on my computer’s screen	ad.security.uaccess.whiteboard=false	false, **true**
Create TCP tunnels	ad.security.uaccess.tcp_tunnel=false	false, **true**
Privacy mode activated	ad.security.uaccess.privacy_feature=false	false, **true**
Show colored mouse pointer when physical input is prohibited	ad.security.uaccess.user_pointer=false	false, **true**

`## Interactive Access/Acceptance Setting Window (pre AnyDesk 7)`

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Feature	Key-Value Pair	Value Possibilities
Prohibit user connection to:		
Hear sound output of my computer	ad.security.hear_audio=false	false, **true**
Control my computer's keyboard and mouse	ad.security.control_input=false	false, **true**
Access my computer's clipboard	ad.security.sync_clipbrd=false	false, **true**
Access my computer's clipboard for file transfer	ad.security.clipboard.files=false	false, **true**
Lock my computer's keyboard and mouse	ad.security.block_input=false	false, **true**
Restart my computer	ad.security.restart=false	false, **true**
Use file manager	ad.security.file_manager=false	false, **true**
Request system info	ad.security.sysinfo=false	false, **true**
Print my documents on their printer	ad.security.print=false	false, **true**
Draw on my computer's screen	ad.security.whiteboard=false	false, **true**
Create TCP tunnels	ad.security.tcp_tunnel=false	**false**, true
Privacy mode activated	ad.security.privacy_feature=false	**false**, true
Show colored mouse pointer when physical input is prohibited	ad.security.user_pointer=false	false, **true**

Permission Profiles (AnyDesk 7+)

Tip:

We offer a Permission Profile Key-Value Generator to assist customers in generating the necessary key-value pairs for their desired configuration.

Warning:

Unlike previous ad.security key-value pairs, the new key-value pairs introduced with AnyDesk 7, known as Permission Profiles, provide a higher level of customization and flexibility than ever before.

You can create up to 10 customized profiles, each with individual sets of permissions and unattended access passwords, to suit the needs of different roles.

These new key-value pairs also offer the possibility of separating permissions that are found in the acceptance window and in Settings > Security.

For example, with

ad.security.permission_profiles.profile1.permissions.audio=0

in the Override field, the audio transmission permission will always be disabled by default when profile1 is selected. However, the permission can be re-enabled through the acceptance window.

If you do not want to allow the owner of the remote controlled device to re-enable the permission through the acceptance window, you can additionally include the following key-value pair:

ad.security.permission_profiles.profile1.changeable_in_accept_window.audio=0

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Feature	Key-Value Pair	Value Possibilities
Internal identifier of the profile for the following key-value pairs. Used in combination with the key-value pairs that appear below.	<profile_id>	**Default Profiles:Default:** _default**Full Access:** _full_access**Screen Sharing:** _screen_sharing**…
Available permission list for the following key-value pairs		audio, input, clipboard, clipboard_files, block_input, sas…
Remember the profile and permissions used in the previous session between the same two clients?	ad.security.permission_profiles.enable_previous_session= **<0,1>**	0: No, **1: Yes**
Create a profile with <profile_id> identifier and call it .	ad.security.permission_profiles.define.<profile_id>=	e.g. ad.security.permission_profiles.define.profile1=myprofile

Password and salt:

Example key-value pairs that enable unattended access for the Default profile and disable unattended access for a custom profile:

```
- ad.security.permission_profiles\_id.pwd= <hash> - ad.security.permission_profiles\_id.salt= <salt>
```

Hashes and salts can be generated via the Password Generator.

Delete profile from custom client:

```
- ad.security.permission_profiles.<profile\_id>.removed=1
```

Allow manual creation of permission profiles in Settings > Security:

```
- ad.security.permission_profiles.can\_create=1
```

Let me know if you need further assistance or have any other questions!

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Discovery Settings

Feature	Key-Value Pair	Value Possibilities
Do not search for other AnyDesk clients on the local network	ad.discovery.default_behavior= 1 ad.discovery.enabled=false	0, **1** false, **true**
Exclude this device from discovery	ad.discovery.hidden=true	**false**, true
IP address for multicast communication	ad.discovery.multicast_ip=239.255.102.18	e.g. 1.1.1.1
UDP port range to use (starting with the port specified with ad.discovery.multicast_port)	ad.discovery.port_range=3	e.g. 1, 2, 3

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Automatic Disconnect Settings

Feature	Key-Value Pair	Value Possibilities
Disable automatic disconnect	ad.security.auto_disconnect.mode=0	**0: Disabled**, 1: Enabled
Automatic disconnect time in seconds	ad.security.auto_disconnect.timeout=60	Minimum: 60

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Privacy Settings

Feature	Key-Value Pair	Value Possibilities
Disable privacy settings	ad.ui.cfg_enable_privacy=false	false, **true**
Set default user image	ad.privacy.image.show=0	0: Hide, **1: Account image**
Set user image	ad.privacy.bkgnd.show=0	0: Screenshot, **1: Desktop wallpaper**, 3: Deactivated
Path of screenshot capture	ad.privacy.scrshot.path_cfg=1	**1: Default**, 2: Custom
Custom path of screenshot capture	ad.privacy.scrshot.path=	e.g. C:\Users\
Chat log path settings	ad.privacy.chat.path_cfg=0	0: Disabled, **1: Default path**, 2: Custom path
Custom chat log path	ad.privacy.chat.path=	e.g. C:\Users\
Enable alternative wallpaper mode (ASB)	ad.privacy.wallpaper.mode=1	**0: Disabled**, 1: Color
Set ASB color	ad.privacy.wallpaper.color=<RGBA Hex>	default: #000000FF
Enable screen frame	ad.privacy.screen_frame.mode=1	**0: Disabled,** 1: Enabled
Set screen frame width	ad.privacy.screen_frame.width=	**Default: 10**
Set screen frame opacity	ad.privacy.screen_frame.opacity=<0-255>	**Default: 128**
Set screen frame color	ad.privacy.screen_frame.color=<RGBA Hex>	**Default: #FF0000FF**

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Display Settings

Feature	Key-Value Pair	Value Possibilities
Disable display settings	ad.ui.cfg_enable_video=false	false, **true**
Display quality	ad.image.quality_preset=0	**0: Best quality,** 1: Balanced, 2: Optimize reaction time
Show remote cursor	ad.image.show_remote_cursor=true	**false**, true
Show move size helper	ad.image.move_size_hlp=true	**false**, true
Disable hotkey transmission	ad.image.suppress_keys=false	false, **true**
Choose display mode	ad.image.viewmode=0	0: Original **1: Shrink** 2: Stretch
Start new sessions in full screen mode	ad.image.insta_fullscreen=true	**false**, true
Use edge scroll in original view mode	ad.image.edge_	

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