

Available MCP Tools

27 action-based tools (consolidated from an original 109 individual tools — see the tool-consolidation milestone on the main project page), grouped by domain. Each multi-action tool takes a single [action](#) parameter plus action-specific fields; single-purpose tools just take their own parameters directly. Source: [src/tools/*.ts](#) in both repos (identical tool set in DCR and no-DCR).

Account & Company

Tools	Actions	Description
tv_account	get , update , create , get_tenant_ids	tv_account reads and manages the TeamViewer account tied to the API token in use.
tv_company	get , update , get_license	tv_company reads and manages the company record tied to the API token, including its license data.

Users & Access Management

Tools	Actions	Description
tv_users	list , get , create , update , delete	tv_users lists, creates, updates, and deletes company user accounts.
tv_deactivate_user_tfa	—	tv_deactivate_user_tfa turns off two-factor authentication for a given user. High-risk/security-sensitive.
tv_get_user_effective_permissions	—	tv_get_user_effective_permissions returns the consolidated permissions the current user has from all of their assigned roles.
tv_get_user_roles	—	tv_get_user_roles returns the roles assigned to a specific (other) user.
tv_respond_to_join_company_request	—	tv_respond_to_join_company_request approves or rejects a pending request from a user to join the company.
tv_user_roles	list , get_permissions , create , update , delete , get_predefined , set_predefined , clear_predefined	tv_user_roles manages company-defined user roles themselves (create/edit/delete roles, list permission definitions, manage which role is the predefined default).
tv_user_role_assignments	assign_to_accounts , assign_to_group , unassign_from_accounts , unassign_from_group , get_account_assignments , get_group_assignments	tv_user_role_assignments assigns and unassigns an existing role to/from accounts or user groups, and queries current assignments.
tv_user_groups	list , get , create , update , delete , get_role	tv_user_groups manages user groups (organizational groups of accounts — distinct from device groups) and which role each group has.
tv_user_group_members	list , add , remove , remove_one	tv_user_group_members manages which accounts belong to a given user group.

Contacts

Tools	Actions	Description
tv_contacts	list (filter by online state), get , create (invite), delete	tv_contacts manages the account's TeamViewer contact list (address-book entries), separate from company user accounts.

Devices & Device Groups

Tools	Actions	Description
tv_device_groups	list , get , create , update , delete , share , un-share	tv_device_groups manages regular device groups, including sharing a group with other users.
tv_managed_devices	list , list_company , get , get_assignment_data , update , update_description , delete , remove_policy , get_groups , update_groups	tv_managed_devices manages devices under TeamViewer's Remote Management (monitoring/patch/policy-capable devices), including onboarding data and device-group membership.
tv_managed_device_managers	list , add , remove	tv_managed_device_managers manages which accounts can manage a specific Remote Management device.
tv_managed_groups	list , get , create , update , delete	tv_managed_groups manages Remote Management device groups (distinct from tv_device_groups), including their default policy assignment.
tv_managed_group_managers	list , add , update , remove	tv_managed_group_managers manages which accounts can manage a Remote Management group.

Policies

Tools	Actions	Description
tv_teamviewer_policies	list , get , create , update , delete	tv_teamviewer_policies manages TeamViewer client configuration policies (e.g. connection/security settings pushed to devices).
tv_monitoring_policies	list , get , assign	tv_monitoring_policies manages monitoring policies and assigns them to devices or groups.
tv_patch_policies	list , get , assign	tv_patch_policies manages patch-management policies and assigns them to devices or groups.

Monitoring

Tools	Actions	Description
tv_monitoring	list_alarms , list_devices , activate , get_hardware , get_system_info , get_software	tv_monitoring reads Remote Management monitoring data (alarms, monitored device inventory, hardware/software/system info) and activates monitoring on a device.

Sessions & Remote Control

Tools	Actions	Description
tv_sessions	list , get , create , update , delete	tv_sessions manages service-case sessions (e.g. for support-ticket integrations).

<code>tv_connect_device</code>	—	<code>tv_connect_device</code> returns a <code>teamviewer-api://remotecontrol/...</code> deep link to start a remote-control session with a device, given its numeric TeamViewer ID. It does not open the link itself — the caller must open it on their own machine (a past bug had the server try to shell out and open it locally, which only worked by accident when server and operator were the same machine; fixed to just return the link).
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Reports & Event Logs

Tools	Actions	Description
<code>tv_connection_reports</code>	<code>list</code> , <code>get</code> , <code>update</code> (notes), <code>delete</code> , <code>get_ai_summary</code> , <code>get_chat_transcript</code> , <code>get_voice_transcript</code> , <code>list_screenshots</code> , <code>get_screenshot</code>	<code>tv_connection_reports</code> retrieves and manages connection/session reports, including AI summaries, chat/voice transcripts, and screenshots from a session.
<code>tv_list_device_reports</code>	—	<code>tv_list_device_reports</code> retrieves device inventory/activity reports over a date range.
<code>tv_get_event_logs</code>	—	<code>tv_get_event_logs</code> retrieves audit/event logs, filterable by date range, event names/types, account emails, or session GUID — useful for security/compliance review of what happened on the account.

Tokens

Tools	Actions	Description
<code>tv_tokens</code>	<code>create</code> (returns the token once — not retrievable again), <code>delete</code>	<code>tv_tokens</code> creates and deletes permanent (non-expiring) TeamViewer API tokens, separate from the MCP-issued OAuth tokens this server brokers.

Notes on risk / scope

The original security architecture recommendation (see the main project page) flagged several of these as needing extra gating in a future pass: `tv_deactivate_user_tfa`, permanent deletes (`tv_users delete` with `is_permanent_delete`), role assignment, and permanent-token creation.

Per-tool scope enforcement (mapping each tool to a required OAuth scope, e.g. `mcp:tv:users:admin`) was deferred as a follow-up when the OAuth token-broker fix shipped — see `[[project-tv-mcp-token-broker-fix]]`.

Right now any authenticated caller can invoke any tool; there's no per-tool authorization boundary yet.

Stay connected