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## How to Configure System Access for Root Aliases on CC-Managed Units

<https://campus.barracuda.com/doc/41116399/>

On Barracuda NG Firewalls that are managed by a Barracuda NG Control Center, the system access configuration lets you specify authentication and access control settings for your *root* and *service* users (see [Managing Access for Administrators](#)). You can also create *root aliases* with similar access rights than the user *root* (except console access).

### Configure System Access for Root Aliases

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1. Open the **Administrative Settings** page (**Config > Full Config > Box**).
2. From the **Configuration Mode** menu, select **Switch to Advanced View**.
3. In the left menu, select **Advanced System Access**.
4. Click **Lock**.
5. To add *root aliases*, click + in the **Root Aliases** table.
6. For each entry, specify the following settings:
  1. Select the **Authentication Mode** for the *root alias*. When possible, use keys instead of passwords.
  2. Enter the **Password** for the *root alias* if applicable.
  3. If applicable, import the public RSA key for controlled Barracuda NG Admin logins. Do not use unencrypted private keys!
  4. Click **OK**.
7. Click **Send Changes** and **Activate**.

With an appropriate authentication mode, the Barracuda NG Firewall authenticates a *root alias* admin via public key cryptography. To configure key-based SSH login (controlled and automated) for non-root users on a system that is administered by a Barracuda NG Control Center, edit the **Public Key** section for the administrator in the **Admins** tab. For more information, see [How to Configure Administrative Profiles](#).

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