



Department of Exterior Affairs  
of Hokoria

# Security report for the Oligarch State of Curnon's Curnon@Discord server

*Protected under the Act of National Security by Founder, Willow  
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## **Department of Exterior Affairs of Hokoria**

The Department of Exterior Affairs was contacted by an official from the Oligarch State of Curnon, seeking support in the security of their Curnon@Discord server, an official platform of the state. The Department of Exterior Affairs accepted the state's request for help, as part of Hokoria's ongoing mission towards supporting our allies.

This is the official report for the Oligarch State of Curnon's leadership and for the State of Hokoria's official public records. This will be declassified and published at a later date.

## **Initial security impressions**

Upon joining there was no onboarding, something that is useful when filtering out some malicious accounts. However, it should be noted that there is an active vetting system where members must answer a set of 9 questions in order to get full access to the server. The channel in which these questions should be answered had no slow mode, something that is useful when preventing spam. Furthermore, there was a privacy risk to members as all answers were publicly visible.

Unverified users had permissions to add reactions, add emojis, add stickers and view server insights. These can be dangerous permissions, especially add emojis and add stickers as those seeking to take down the server can easily upload TOS breaking content and report the server for it.

## **After verification**

After being verified, notable perms included being able to upload files and embed links. These permissions can easily be misused in order to flood channels with images and other media, especially embed links.

## **Moderation**

The server has no moderation bots and tools that can be used for fast control of the server when rules are actively being broken or raids are taking place. Only one AutoMod filter has been set up, preventing mention spam, however no alerts channel has been set up.

## **Changes implemented**

- A slow mode of 10 minutes has been introduced to the verify channel. It should be noted that this makes it harder for members to answer additional questions due to the slow mode.
- Dyno has been introduced to the server, bringing moderation features.
- Create expressions has been revoked from the @everyone role so that members cannot upload stickers and emojis.
- Embed links permissions have been removed from the verified role, making it harder for attackers to spam images.
- Anti-spam has been enabled with Dyno, deleting spam messages.
- Raid alerts have been set up using Discord's safety features.
- All alerts now go to a dedicated alerts channel.
- A logging bot has been introduced, allowing server staff to monitor activity. These logs get sent to a dedicated logging channel.
- Changed the default notification setting to mentions only so that in the case of a raid, users don't get spammed.

## **Recommendations for the future**

- Replace the verification channel with a ticketing system where new members must open a ticket in a private channel to get access to the server. This way there is no spam or privacy risk in this way.
- Block terms using Discord's AutoMod features.
- Remove embed links permissions.
- Add and customise Wick Bot which has useful features to prevent and warn you about raids.
- Increase the number of users with moderation permissions (that you trust).
- Enable the Require 2FA for moderation feature in the Safety settings so that you decrease the risk of moderators getting hacked.