

LHCONE AUP proposed modifications and survey responses

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STEINBUCH CENTRE FOR COMPUTING - SCC





LHCONE escalation procedure proposal

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LHCOPN-ONE Virtual Workshop

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- The actors and responsibilities are not clearly identified
 - Who-calls-who?
 - Who-does-what?
- Time to report non-compliant site and their resolving action
- [LHCONE BGP community](#) for banning a non-compliant site
- **Roles and responsibilities**
 - **LCG and LHCONE Sites**
 - Can raise an AUP-breach notification to MBs
 - **LHCONE Providers**
 - must acknowledge disconnection requests made by a LHCONE Management Board
 - should disconnect a LHCONE Site from the LHCONE if told so by a LHCONE Management Board
 - must implement BGP filtering based on LHCOPN BGP communities
 - **LHCONE Management Boards**
 - Any LHCONE Management Board can ask a LHCONE Provider to disconnect a not compliant LHCONE Site from the LHCONE service (**IMPORTANT: JUST FROM LHCONE!**)

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Issues

- How to report an AUP breach?
 - Can any site raise with any MB (if different experiment)?
- Lack of a contact point for all MBs
- Different contact points for security/faults and AUP breaches
- Role of regional provider is unclear
 - What if upstream provider is unresponsive?
- Timing
 - Is the (2+1)-month period too long?
- Who assesses if problem is solved (site? MB? Provider?)

Some ideas

- Publish a reliable contact point for every MB
 - Add to the list of responsibilities for the MB
 - Make sure the contact address is always updated, active and manned
- Include the regional networks in the escalation chain
 - Notify together with the upstream provider
 - Any action for the regionals (disconnect the NREN from LHCONE or filter the site?)
- Use a consistent “ticketing” system
 - The actions would be logged and visible
 - The decisions would be documented
 - GGUS? Something else?
- Align security/faults and AUP breaches contact points?
 - Always go to the upstream provider?
- Re-evaluate the timing?
 - Shorten to n weeks?
- Add an annex to the AUP
 - A document to be created as a result of the...

LHCONE AUPs

- Current LHCONE AUP:

<https://twiki.cern.ch/twiki/bin/view/LHCONE/LhcOneAup>

- Proposed LHCONE AUP:

<https://twiki.cern.ch/twiki/bin/view/LHCONE/NewLhcOneAup>

Editors of „Proposed new LHCONE AUP“

David Kelsey, Romain Wartel, Bruno Hoefft

Changes at LHCONE AUP

- [Adding RFC 2119](#)
- WLCG Management Board the MB for LHCONE
 - **Non-compliance with the AUP**
 - **Compromised Security**
 - Roles and Responsibilities – Sites / Providers / Management Board

previous presentations at last LHCONE Meeting

- [LHCONE escalation procedures / Vincenzo Capone - Géant](#)

https://indico.cern.ch/event/888924/contributions/3792399/attachments/2037862/3412452/2020-5-13_ECapone_AUP_escalation.pptx

- LHCONE security and trustworthiness / Bruno Hoefft - KIT

https://indico.cern.ch/event/888924/contributions/3792408/attachments/2037664/3412151/LHCONE-AUP_modifications_v.1.pptx

Email circulation – only a very moderate number of responses

- At July 27:
- Publish a reliable contact point for each MB
 - Add to the list of responsibilities for the MB
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- Use a consistent “ticketing” system
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 - GGUS? Something else?
- Align security/faults and AUP breaches contact points?
 - Always go to the upstream provider?
- Re-evaluate the timing?
 - Shorten to n weeks?
- Roles and Responsibilities – Sites
 - MUST abide by this AUP and all others applicable WLCG Security Policies;
 - MAY define their own local security requirements with regard to traffic arriving from the LHCONE;
 - MAY decide independently if the LHCONE traffic can bypass their own perimeter firewall or not
- Roles and Responsibilities - Providers
 - MUST make sure that only sites approved LHCONE Sites are connected under the premises that they agreed to comply to this AUP
 - MUST announce to the lhcone-operations mailing list the new to the LHCONE connected site
 - MUST implement disconnection requests made by the WLCG Management Board
 - MUST implement BGP filtering based on LHCOPN BGP communities.
- Roles and Responsibilities – Management Boards
 - The WLCG Management Board can ask a LHCONE Provider to disconnect a not compliant LHCONE Site from the LHCONE.

Proposal:

- Creation of a policy editorial meeting scheduled in Q4 2020:
 - Romain Wartel, Vincenzo Capone, Bruno Hoefft
 - invitation to David Kelsey (WLCG Security Policy Coordinator)
 - Who else:
 - List will not be closed by today, but
 - Circulating a doodle for the meeting
- topics:
 - updating LHCONE AUP policies
 - incl. the received feedback
 - discuss the wording of the LHCONE AUP
 - sketch ideas :
 - of procedures incl. timelines: e.g.: exclude a none LHCONE AUP compliant site
 - communications channels / ticketing system
 - roles and their responsibilities

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