

# NETCONF AND PERSISTENT RESPONSES

DRAFT-MAHESH-NETCONF-PERSISTENT-00

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## *Agenda*

- Motivation
- Solution
- Ask
- Q&A

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*Motivation*

- **Motivation**
  - Support for ping and traceroute

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*Motivation*

- **What is different?**
  - **Interactive**
  - **Single request, multiple responses**
  - **Termination clause**

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## *Solution*

### ■ Where?

- At messaging layer
- As suggested by Juergen
- Request

```
<rpc message-id="101" link-id="201" xmlns="...">  
</rpc>
```

### ■ Response

```
<rpc-reply message-id="101" next-message-id="102" link-  
  id="201" xmlns="...">
```

```
</rpc-reply>
```

```
<rpc-reply message-id="102" next-message-id="103" link-  
  id="201" xmlns="...">
```

```
</rpc-reply>
```

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*Solution*

## ■ Messages

- Last message (corrected w.r.t. the draft)

```
<rpc-reply message-id="103" link-id="201" xmlns="...">  
</rpc-reply>
```

- Termination

```
<rpc-cancel link-id="201">  
</rpc-cancel>
```

with a response

```
<rpc-reply>  
  <ok/>  
</rpc-reply>
```

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*Ask*

- Please read and comment
- Update draft based on comments
- WG ready?

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Q&A