While you wait...

Why not let us know what topics you'd like us to cover next?

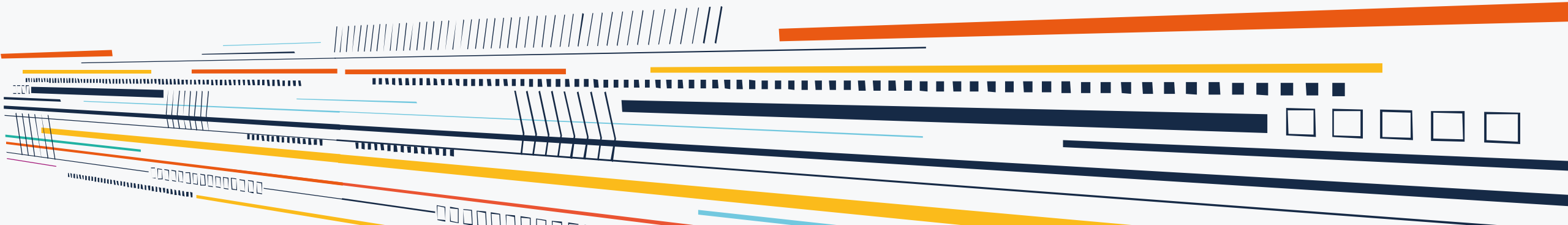
Take the short survey at:

squaredup.com/topics

SquaredUp

Coffee Break Webinar Series

High Availability



Topic

High Availability

Discussion points:

- What is High Availability
- Considerations
- Basic troubleshooting

What is High Availability

High Availability (HA) is a feature that lets you distribute your Squared Up deployment over **more than one server**

It provides **multiple access points** to Squared Up, which creates redundancy and the opportunity to load-balance client connections

All content and configuration is shared which creates a **consistent user experience** regardless of which server you connect to

When should I use it

Redundancy and Load Balancing

Business Needs

- Critical applications must be highly available in my organisation
- We have multiple locations with distributed infrastructure

Technical Needs

- We have a high number of *concurrent* Open Access dashboards
- We have a high number of *concurrent* interactive users

How does it work

Let's start with some key concepts

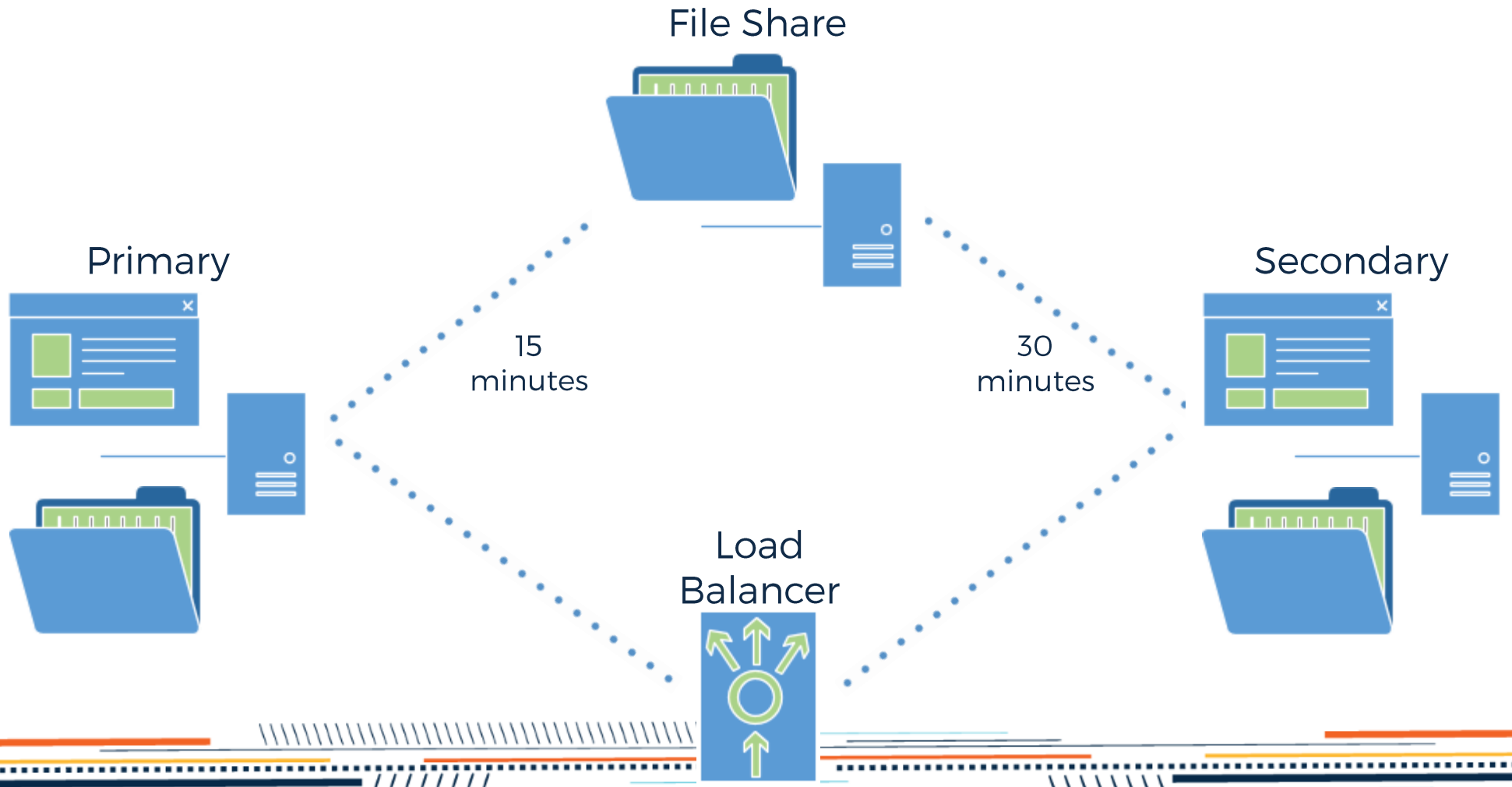
Primary Server – this is always the first server you deploy. It's set up with your primary license key. Every Squared Up deployment has one of these

Secondary Server – any additional Squared Up servers deployed for HA. Set up with your secondary license key, and there can be more than one

HA File Share – a standard Windows file share with some custom permissions. It stores your content and configuration, and HA-specific files

Heartbeats – these let your secondary servers know that the primary server is alive and well, and confirm which features your secondary servers can provide

How does it work



Considerations

- Is SCOM highly available?
- Is my file storage infrastructure highly available?
- Does Kerberos Constrained Delegation become a factor?
- Do I need instant failover or is my backup\restore SLA sufficient?
- All instances share the same Named user list

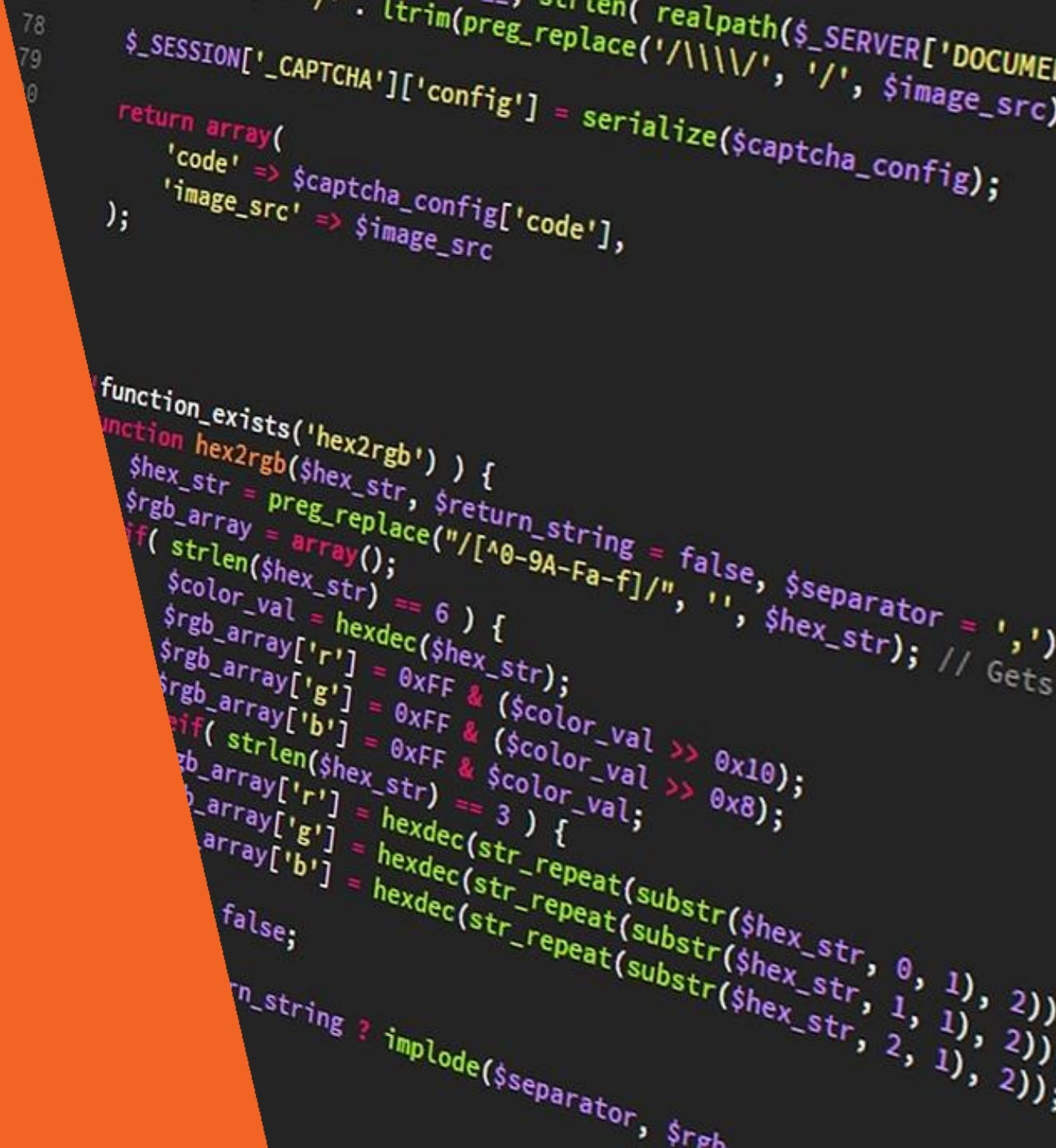
How do you enable it

It’s simple, just follow our helpful KB article….

https://support.squaredup.com

> Deployment

> > How To Configure High Availability



Troubleshooting

Some things to check....

- Are your share permissions correct?
- Do newly published dashboards appear on all servers?

If you're happy to go a bit deeper...

- Recycle the application pools
- Check the logs on the primary for `Updating HA Heartbeat`
- Check the logs on the secondary for `Verifying Heartbeat`

Get in touch with us at support@squaredup.com

Coffee Break: Resources

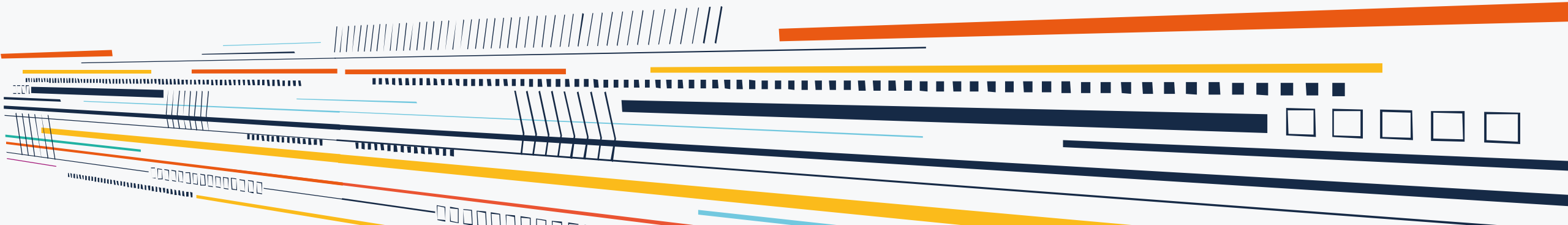
Let us know what you'd like us to cover:
squaredup.com/topics

See what's coming up next:
squaredup.com/coffee-break-series

Recordings and slides published via
squaredup.com/blog

YouTube playlist for series
https://www.youtube.com/playlist?list=PLJNXoiGgmTEu3yZRGpPNWQbG9WMyihZFs

Follow up email, inc. resources, sent out after each webinar

Q&A

SquaredUp