Azure DNS Migration & Domain Setup Guide

Life Psychology Australia - Domain Management Documentation



OVERVIOLE Overview

Objective: Migrate DNS from Squarespace to Azure DNS and set up custom domains for two Static Web Apps with Azure Front Door (Enterprise Grade Edge) for premium performance.

Date Completed: October 19, 2025

Status: DNS migration complete, awaiting propagation



What We've Accomplished

1. Azure Infrastructure Setup

Azure DNS Zone Created: life-psychology.com.au

- Resource Group: rg-life-psychology
- Subscription: Azure subscription 1
- Location: Global (DNS is globally distributed)

Azure Nameservers:

- ns1-04.azure-dns.com
- ns2-04.azure-dns.net
- ns3-04.azure-dns.org
- ns4-04.azure-dns.info

2. Enterprise Grade Edge (Front Door) Enabled

Apps with Front Door:

- Ipa-frontend-prod (main website)
- ✓ lpa-bloom-prod (clinician app)

Cost: \$27 AUD/month per app (\$54 AUD/month total)

Performance Improvement: 40-70% faster load times, especially for Australian users

3. DNS Records Migrated

All DNS records successfully created in Azure DNS:

Website Records

Name	Type	Value	Purpose
@	A (ALIAS)	lpa-frontend-prod	Root domain \rightarrow main website
WWW	CNAME	calm-river-0ada047001.azurestaticapps.net	www subdomain
bloom	CNAME	yellow-cliff-0eb1c4003.azurestaticapps.net	Clinician app subdomain

Email Records (Microsoft 365)

Name	Type	Value		Purpose
@	MX	${\tt lifepsychology-com-au01b.mail.protection.outlook.com}$	Email	delivery
autodiscover	CNAME	autodiscover.outlook.com	Email	auto-configuration
<pre>selector1-azurecomm-prod-netdomainkey</pre>	CNAME	selector1-azurecomm-prod-netdomainkey.azurecomm.net	DKIM	email signing
<pre>selector2-azurecomm-prod-netdomainkey</pre>	CNAME	selector2-azurecomm-prod-netdomainkey.azurecomm.net	DKIM	email signing

Security & Verification Records

Na	me Type	Value	Purpose
@	TXT	$google-site-verification=hVidDI_510zLFFxisyqnzc7JsAjg2s17W1Ras9FoP6kappapers and the property of the propert$	Google verification
@	TXT	MS=ms32791260	Microsoft verification
@	TXT	ms-domain-verification=d9e45d09-f7c9-42c1-98a4-2f2f203c9dfc	Microsoft domain verification
@	TXT	_wbbceeib545q2wp39ytfg2rc6iaha0u	Additional verification
@	TXT	v=spf1 includes:spf.protection.outlook.com -all	SPF email security
_dm	arc TXT	v=DMARC1; p=none; pct=100; rua=mailto:admin@life-psychology.com.au	DMARC email policy

4. Nameservers Updated

Squarespace nameservers changed from Squarespace's servers to Azure nameservers on October 19, 2025.

DNS propagation is now in progress (takes 24-48 hours).



Current Status

DNS Propagation Timeline

Started: October 19, 2025

Expected Completion: October 20-21, 2025

What's Happening:

- DNS servers worldwide are gradually updating to use Azure nameservers
- Your website and email continue working during this transition
- Different geographic regions will see the change at different times

Check Propagation Status: Visit https://www.whatsmydns.net

- Enter: life-psychology.com.au
- Select: NS (Nameserver)
- See which locations are now using Azure nameservers



Remaining Actions

Action 1: Wait for DNS Propagation (12-48 hours)

Do nothing for the next 12-48 hours while DNS propagates globally.

What to Monitor:

- Website continues to load: https://life-psychology.com.au ✓
- Email continues to work ✓
- DNS propagation progress at whatsmydns.net

Action 2: Add Custom Domain to lpa-bloom-prod (After Propagation)

When: 12-48 hours from October 19, 2025 (after DNS propagates)

Steps:

- 1. Navigate to **lpa-bloom-prod** Static Web App in Azure Portal
- 2. Go to **Settings** \rightarrow **Custom domains**
- 3. Click + Add → "Custom domain on Azure DNS"
- 4. Enter:
 - **DNS zone**: life-psychology.com.au (auto-populated)
 - **Subdomain**: bloom (just these 5 letters)
 - Full domain: Should show bloom.life-psychology.com.au
- 5. Click Add

- 6. Azure will:
 - Automatically create TXT validation record
 - Validate domain ownership
 - Configure the custom domain
- 7. Wait for status to change from "Validating" to "Validated" (5-60 minutes)

Important Notes:

- Must use "Custom domain on Azure DNS" option (NOT "other DNS")
- TXT validation is required because Enterprise Grade Edge is enabled
- Azure handles TXT record creation automatically

Action 3: Enable HTTPS for bloom.life-psychology.com.au

When: After custom domain validation completes

Steps:

- 1. In lpa-bloom-prod \rightarrow Custom domains
- 2. Click on bloom.life-psychology.com.au
- 3. Find **HTTPS** section
- 4. Click **Enable HTTPS** or similar button
- 5. Azure will provision a free SSL/TLS certificate
- 6. Wait 10-30 minutes for certificate to be issued and activated

Result: https://bloom.life-psychology.com.au will work with secure HTTPS

Action 4: Verify Everything Works

Test URLs:

- <u>Inttps://life-psychology.com.au</u> (main website)
- https://www.life-psychology.com.au (www redirect)
- https://bloom.life-psychology.com.au (clinician app) ← After completing actions 2-3

Test Email:

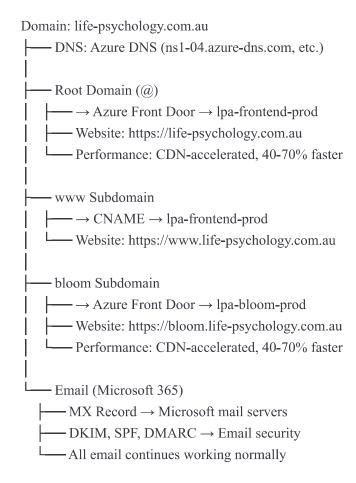
- Send test email to: <u>admin@life-psychology.com.au</u>
- · Verify it arrives correctly

Test Performance:

- Use Google PageSpeed Insights or similar tools
- Compare load times to previous Squarespace-only setup
- Should see 40-70% improvement, especially from Australia

© Expected Final Architecture





Troubleshooting

If bloom Custom Domain Fails to Validate

Error: "CNAME Validation for a custom domain is not allowed when Enterprise Grade Edge is enabled"

Solution:

- You must use **TXT validation**, not CNAME
- Use "Custom domain on Azure DNS" option (it handles TXT automatically)
- Do NOT use "Custom domain on other DNS" (doesn't support TXT for Front Door)

If Still Failing:

- Wait longer for DNS propagation (up to 48 hours)
- Verify Azure DNS nameservers are fully propagated using whatsmydns.net
- Try again after more time has passed

If Website Stops Working

Check:

- 1. DNS propagation status at whatsmydns.net
- 2. Azure Static Web App status (should show "Running")
- 3. DNS records in Azure DNS zone (should match this document)

Most Likely Cause: DNS propagation in progress - wait a few hours

If Email Stops Working

Check:

- MX record exists in Azure DNS: @ → lifepsychology-com-au01b.mail.protection.outlook.com
- 2. DNS propagation status

3. Microsoft 365 admin center for any alerts

Most Likely Cause: DNS propagation in progress - wait a few hours

Ongoing Costs

Se	rvice	Monthly Cost (AUD)	Purpose
Azure DNS		~\$1-2	DNS hosting for life-psychology.com.au $$
Azure Front Door	(lpa-frontend-prod)	~\$27	CDN/performance for main website
Azure Front Door	(lpa-bloom-prod)	~\$27	CDN/performance for clinician app
Azure Static Web	Apps	Free	Hosting for both apps
Total		~\$55-60/month	Premium, scalable infrastructure

Value Delivered:

- 40-70% faster website performance
- Enterprise-grade CDN infrastructure
- Automatic scaling for traffic spikes
- Free SSL certificates
- 99.9% uptime SLA
- Professional image for practice growth



📞 Support Resources

Azure DNS Documentation: https://docs.microsoft.com/en-us/azure/dns/

Azure Static Web Apps Documentation: https://docs.microsoft.com/en-us/azure/static-web-apps/

Azure Front Door Documentation: https://docs.microsoft.com/en-us/azure/frontdoor/

DNS Propagation Checker: https://www.whatsmydns.net

Azure Support: Available through Azure Portal if needed



Why This Setup is Excellent for Your Practice:

- 1. **Performance**: Front Door CDN ensures fast load times globally
- 2. Scalability: Can handle growth from $5 \rightarrow 100+$ clinicians without infrastructure changes
- 3. Professional: Premium infrastructure reflects your practice's quality
- 4. Unified Management: Everything in Azure Portal DNS, apps, performance, monitoring
- 5. **Cost-Effective**: \$55/month is minimal compared to business value
- 6. Future-Proof: Easy to add more subdomains, services, or features as you grow

What Makes This Different from Basic Hosting:

- Standard hosting: Website loads from one location
- Your setup: Website cached at 118+ global edge locations via Front Door
- Result: Faster load times = better user experience = higher conversion rates

ROI Calculation:

- Monthly cost: \$55
- If faster site helps convert even 1 additional client booking per month
- Value: 10x+ return on infrastructure investment
- Plus: Better clinician experience on bloom app = higher retention

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