Genesis Provenance DNS Records Reference Card

Domain: genesisprovenance.com
Registrar: GoDaddy
Last Updated: November 29, 2025

Quick Reference: All DNS Records Needed

Vercel (Website Hosting)

Type	Name	Value	TTL	Purpose
A	@	`76.76.21.21`	600	Root domain
CNAME	www	`cname.vercel-dns.com`	600	WWW subdomain
CNAME	app	`cname.vercel-dns.com`	600	App subdomain

Note: Get actual Vercel IP from your Vercel Dashboard → Settings → Domains

Microsoft 365 (Email)

Verification

Type	Name	Value	TTL	Purpose
TXT	@	`MS=ms12345678`	3600	Domain verification

Note: Get actual MS value from Microsoft 365 Admin Center

MX (Mail Exchange)

Type	Name	Value	Priority	TTL	Purpose
MX	@	`genes-isproven-ance-com.mail.pro tec-tion.outlook .com`	0	3600	Email routing

SPF (Sender Policy Framework)

Type	Name	Value	TTL	Purpose
TXT	@	`v=spf1 in-clude:spf.prote ction.outlook.c om -all`	3600	Email authentic-ation

DKIM (DomainKeys Identified Mail)

Type	Name	Value	TTL	Purpose
CNAME	select-or1._domainkey	`selector1-gen-esisprovenance-com._domainkey. [ten-ant].onmicrosof t.com`	3600	Email signing
CNAME	select-or2._domainkey	`selector2-gen-esisprovenance-com._domainkey. [ten-ant].onmicrosof t.com`	3600	Email signing

Note: Get actual values from Microsoft 365 Admin Center → Domains

DMARC (Domain-based Message Authentication)

Type	Name	Value	TTL	Purpose
TXT	_dmarc	`v=DMARC1; p=quarantine; rua=mailto:dmarc@genesisprovenance.com`	3600	Email policy

Autodiscover (Optional)

Type	Name	Value	TTL	Purpose
CNAME	autodiscover	`autodiscover.outlook.com`	3600	Email client config

Complete DNS Configuration in GoDaddy

Step-by-Step:

1. Log into GoDaddy: https://dcc.godaddy.com/manage/genesisprovenance.com/dns
2. Delete any conflicting records (old A records, parking pages)
3. Add each record above using the "Add" button
4. Verify with:
   - DNS Checker: https://dnschecker.org
   - MX Toolbox: https://mxtoolbox.com/domain/genesisprovenance.com
5. Wait 10-60 minutes for propagation

Verification Commands

Check DNS Propagation

```
# Check A record
dig genesisprovenance.com A

# Check CNAME records
dig www.genesisprovenance.com CNAME
dig app.genesisprovenance.com CNAME

# Check MX records
dig genesisprovenance.com MX

# Check TXT records (SPF, DMARC)
dig genesisprovenance.com TXT
dig _dmarc.genesisprovenance.com TXT
```

Online Tools

- **DNS Propagation:** https://dnschecker.org
- **MX Records:** https://mxtoolbox.com
- **Email Health:** https://mxtoolbox.com/domain/genesisprovenance.com
- **SPF/DKIM Check:** https://www.mail-tester.com

Expected Final Configuration

Once all records are added and propagated:

Domains Should Load:

- ✅ https://genesisprovenance.com → Vercel app
- ✅ https://www.genesisprovenance.com → Redirects to main
- ✅ https://app.genesisprovenance.com → Vercel app (if configured)
- ✅ All with green padlock (SSL)

Email Should Work:

- ✅ Send from: admin@genesisprovenance.com
- ✅ Receive at: info@genesisprovenance.com
- ✅ SPF: PASS
- ✅ DKIM: PASS
- ✅ DMARC: PASS

Troubleshooting

Issue: Domain doesn't load

- Check A record points to correct Vercel IP
- Verify CNAME records are correct
- Wait 30-60 minutes for propagation
- Clear browser cache

Issue: SSL certificate error

- Wait 15-30 minutes after DNS propagation
- In Vercel Dashboard → Domains → Click "Refresh"
- Clear browser cache

Issue: Email not working

- Verify all MX records are correct
- Check SPF/DKIM records at https://mxtoolbox.com
- Wait 24 hours for full email propagation
- Verify email account is active in Microsoft 365

Issue: WWW not redirecting

- Verify CNAME for www points to cname.vercel-dns.com

- In Vercel Dashboard → Domains → Set www to redirect to root
- Wait for DNS propagation

Important Notes

1. **TTL (Time To Live):**
   - 600 = 10 minutes (good for testing)
   - 3600 = 1 hour (standard)
   - Change to 86400 (24 hours) after everything works

2. **Priority (MX Records):**
   - Lower number = higher priority
   - Microsoft 365 typically uses 0

3. **DNS Propagation:**
   - Can take 5 minutes to 48 hours
   - Usually 15-30 minutes for most locations
   - Test from multiple locations: https://dnschecker.org

4. **SSL Certificates:**
   - Vercel auto-provisions Let's Encrypt certificates
   - Usually takes 5-15 minutes after DNS propagates
   - Click "Refresh" in Vercel if it takes longer

Print This Card

Keep this reference handy during deployment. Check off each record as you add it:

Vercel Records:

- [ ] A record (@)
- [ ] CNAME (www)
- [ ] CNAME (app)

Email Records:

- [ ] TXT (MS verification)
- [ ] MX record
- [ ] TXT (SPF)
- [ ] CNAME (DKIM selector1)
- [ ] CNAME (DKIM selector2)
- [ ] TXT (DMARC)
- [ ] CNAME (autodiscover)

Last Updated: November 29, 2025
Status: Reference Card v1.0